

## Global Trade Price List

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October 2021 - March 2022



KTPL1001 Rev 2C  
3rd September 2021

Life Safety  
Systems Specialist



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| Taktis UL 2-8 loops (UL/FM approved) - Hochiki protocol<br>Taktis UL 2-16 loop (UL/FM approved) - Hochiki protocol<br>Taktis UL 2-8 loops (UL/FM approved) - Apollo protocol<br>Taktis UL 2-16 loops (UL/FM approved) - Apollo protocol<br>Taktis UL Accessories<br>Elite RS Fire Alarm control panels<br>eView Repeater Panels<br>eMatrix Mimic Panel<br>Vizulinx Alarm Management gateway                                                                        | Taktis spares (See Taktis Addressable Fire Control Panels)<br>Syncro AS spares<br>Syncro spares<br>Sigma CP Spares<br>Sigma XT/XT+ spares<br>Syncro XT+ spares<br>Miscellaneous spares<br>Legacy spares                                                                                                                                                                                                                                                              | Conventional Sounder Controller Unit<br>Illuminated warning signs<br>Document Enclosures<br>Indicator Units<br>Ancillary products<br>LUL Specific Products                                                                                                                                                                                                                                                                                                                                                                                                     | Training courses<br>Online Training Courses by video conference<br>Site Attendance                                                                                                                                                                                                 |
| Conventional Fire UL                                                                                                                                                                                                                                                                                                                                                                                                                                               | Extinguishing Control UL                                                                                                                                                                                                                                                                                                                                                                                                                                             | Control Panel Finishes & Colour Schemes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | End of Life Products                                                                                                                                                                                                                                                               |
| Sigma A-CP Conventional Control Panel (UL Approved)<br>Vizulinx Alarm Management gateway                                                                                                                                                                                                                                                                                                                                                                           | XT+ Releasing Control Unit<br>Sigma A-XT<br>Vizulinx Alarm Management gateway                                                                                                                                                                                                                                                                                                                                                                                        | Colour schemes<br>Brushed Stainless Steel Panel Doors<br>Polished Stainless Steel or Polished Brass Panel Doors<br>Special Flushing Collars                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |

# General Information

## General

### Pricing

All prices quoted within this price guide are ex-works, subject to delivery charge and VAT where applicable.

This price list will be valid until 31st March 2022.

Minimum order value is £50.

### Terms

All goods supplied, and services provided are subject to our standard terms & conditions of sale, these can be found on our website [www.kentec.co.uk](http://www.kentec.co.uk) and a copy is provided with this price guide. These are incorporated in any contract for the supply/provision of such goods and services.

Kentec Electronics Ltd will only contract for the supply/provision of such goods and services on the basis of such standard conditions of sale.

Prices may be subject to a trade discount. Please contact our sales department on +44 (0)1322 222121, your Business Development Manager or e-mail [sales@kentec.co.uk](mailto:sales@kentec.co.uk).

Kentec reserves the right to amend the prices or Terms & Conditions of Sale at any time without prior notification. Any amendments, additions or deletions will be published on our website [www.kentec.co.uk](http://www.kentec.co.uk).

### Ordering Correct Parts

Please take care when ordering, it is important that you provide the correct part number to avoid being supplied incorrect product and incurring additional costs.

## Important contacts

|                                                                                          | Telephone                      | E-mail                                                                               |
|------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| General Sales                                                                            | +44 (0) 1322 222121 (Option 3) | <a href="mailto:sales@kentec.co.uk">sales@kentec.co.uk</a>                           |
| Technical Support                                                                        | +44 (0) 1322 222121 (Option 1) | <a href="mailto:techsupport@kentec.co.uk">techsupport@kentec.co.uk</a>               |
| Marketing                                                                                | +44 (0) 1322 222121            | <a href="mailto:marketing@kentec.co.uk">marketing@kentec.co.uk</a>                   |
| Accounts                                                                                 | +44 (0) 1322 222121            | <a href="mailto:accountsreceivable@kentec.co.uk">accountsreceivable@kentec.co.uk</a> |
| Head of UK Sales - Sammy Steel                                                           | +44 (0) 07894 238948           | <a href="mailto:samantha.steel@kentec.co.uk">samantha.steel@kentec.co.uk</a>         |
| UK - London & South East Business Development Manager - Brett Boyd                       | +44 (0) 7554 400803            | <a href="mailto:brett.boyd@kentec.co.uk">brett.boyd@kentec.co.uk</a>                 |
| UK - South West, Channel Islands & Ireland Business Development Manager - Kevin McCarthy | +44 (0) 7825 344133            | <a href="mailto:kmccarthy@kentec.co.uk">kmccarthy@kentec.co.uk</a>                   |
| UK -Midlands, North & Scotland Business Development Manager - Richard Day                | +44 (0) 7763 989464            | <a href="mailto:richardtday@kentec.co.uk">richardtday@kentec.co.uk</a>               |
| Head of International Business Development - Costas Constantinides                       | +357 99 981 401                | <a href="mailto:costas@kentec.co.uk">costas@kentec.co.uk</a>                         |
| International Business Development Manager, Europe - Eloi Del Valle Salces               | +34 623 022 899                | <a href="mailto:eloi.delvalle@kentec.co.uk">eloi.delvalle@kentec.co.uk</a>           |
| International Business Development Manager, Africa - Morné Müller                        | +27 83 453 3600                | <a href="mailto:morne.muller@kentec.co.uk">morne.muller@kentec.co.uk</a>             |
| International Business Development Manager, Middle East - Ibrahim Ariqat                 | +971 50 285 7752               | <a href="mailto:ibrahim.arikat@kentec.co.uk">ibrahim.arikat@kentec.co.uk</a>         |
| Business Development Manager, Ekho Wireless Fire Detection - Johnny Martin               | +44 (0) 07895 206920           | <a href="mailto:johnny.martin@kentec.co.uk">johnny.martin@kentec.co.uk</a>           |
| Director of Sales - Derrick Hall                                                         | +44 (0) 77936 56012            | <a href="mailto:derrick.hall@kentec.co.uk">derrick.hall@kentec.co.uk</a>             |

## Product Warranty

All new standard products purchased from Kentec are covered by our 36-month Product Warranty. For full details about our warranty please refer to our Terms & Conditions of Sale.

These can be found on our website [www.kentec.co.uk](http://www.kentec.co.uk) and a copy is provided with this price guide. For warranty replacement items refer to the SRI section of the "General Info".

## Technical Support

Technical support is available to direct Kentec customers on all Kentec manufactured products, by calling +44 (0)1322 222121 (option 1) or by e-mail at [techsupport@kentec.co.uk](mailto:techsupport@kentec.co.uk). Technical Support is available 8.30am - 5.00pm Monday to Thursday and 08:30 - 4:00pm Friday.

When requesting technical assistance, it is essential that concise and detailed information is given to the technical support engineer, to allow them to provide an accurate response to the enquiry. For fault finding assistance, the technical support staff may require additional testing to be performed to accurately diagnose possible causes of the fault.

### **Important!**

Whilst every effort is taken to ensure that the technical support information given is accurate, Kentec assume no liability for any loss or damage as result of technical advice given, or time taken performing additional fault diagnosis testing.

## Product Branding

Kentec can offer product branding by printing your logo onto a plate using full colour printing. A non-recurring cost of £50-00 will be charged to produce the necessary artwork for new or modified logo plate designs.

To produce a new logo plate we require artwork electronically in one of the following formats:

- A. Adobe Illustrator .ai or .eps vector file with text converted to outlines (Preferred)
- B. High resolution Tiff or JPEG file.

If there are any spot colours, please specify Pantone colour references. For further assistance please contact our marketing department on +44 (0)1322 222121.

Minimum order quantity for custom plates is 50 at a price of £1.50 each

## CPR (Construction Products Regulation)

European Regulations: Construction Products Regulation (CPR) a legal requirement, which came into force in the UK on the 1st July 2013 requires that all manufacturers and resellers to comply with the Construction Products Regulation (CPR).

As part of the regulation it is illegal to place on the market, any product to be used in a construction of a building without the necessary third party certification and compliance with the CPR. This applies only to products where EN Harmonised Product Standards exist for the products concerned.

It should be noted that although it is now illegal to place products into the EU market without a Declaration of Performance in accordance with the CPR, it is legal for us to continue Non-CPR products for use outside of the EU. UL Listed & FM Approved products are not approved for placement within the EU Market.

Third Party Certificates for Kentec Electronics Products can be download here: <https://kentec.co.uk/resources/certifications-and-accreditations/>

Custom-built site-specific panels can still be supplied for projects in Europe.

Should you have any questions or queries please contact our sales department or your local BDM. Please note that Non CP-R approved products may have a longer lead time.

## Service Replacement Items - SRI (Warranty)

Kentec offers its customers an unrivalled service when requiring replacement parts. Our SRI policy includes all products covered by our 3 year Product Warranty.

For the complete SRI Terms & Conditions please refer to our website [www.kentec.co.uk](http://www.kentec.co.uk)

For detailed warranty information, please refer to Clause 8 of our Terms & Conditions of Sale.

**Important Note!**

***It is important that the Kentec SRI procedures are followed when requiring replacement parts for any Kentec product. Please do not place Purchase Orders for replacement parts as this may incur restocking charges under our RMA policy will apply.***

## Product Returns Policy (RMA)

Kentec Electronics Limited (Kentec) recognises that from time-to-time customers order products that, for various reasons, are no longer required. To assist our customer's, we have developed a policy and procedure which is designed to meet our customer's needs and contribute towards Kentec's processing costs. The following procedure should be followed for all returns of new and unused product.

Note: Kentec cannot accept back product that is non-standard or has been used/installed.

### **RMA Procedure:**

1. The customer is required to contact Kentec in writing requesting an RMA by emailing [sales@kentec.co.uk](mailto:sales@kentec.co.uk).  
The email must clearly state the original purchase order number and a reason as to why the goods require to be returned via the RMA process.
2. Kentec will process the request for RMA and, where appropriate, return the authorised RMA form to the customer (include the details of any handling fee).
3. Kentec will contact the customer if the goods cannot be returned under the RMA Scheme (see policy below).
4. The customer must return the goods to Kentec with the authorised RMA form.
5. The customer is responsible for meeting all shipping and duty costs and for ensuring that the product and packaging is received by Kentec in good condition.

### RMA Policy

Kentec reserve the right to charge a restocking fee of 35% of the original net price.

Kentec will only accept returned product that is:

1. accompanied by a completed RMA document (see above),
2. standard Kentec products that appear on this price list,
3. returned within 30 days of the original date of supply,
4. returned un-opened and in resaleable condition and,
5. not of a value less than £300.00 (original net price).

**Note:** Flush, custom parts and modified products are non-returnable.

### UK Delivery and Packing Charges

Delivery and packing will be charged on all orders unless otherwise agreed prior to despatch:

|                                                                                  |        |
|----------------------------------------------------------------------------------|--------|
| Standard Mainland UK Delivery Charge (Next day from date of despatch) up to 20Kg | £15.75 |
| Before 10am UK Delivery Charge up to 20Kg                                        | £27.30 |
| Guernsey and Jersey                                                              | £POA   |
| Northern Ireland                                                                 | £POA   |
| Republic of Ireland                                                              | £POA   |

The standard of packing is suitable for delivery within the UK.

The above delivery charges are for consignments to the UK. Mainland only.

Delivery & Packing charges are not subject to any agreed discount.

Delivery charges for Custom Engineered Solutions are available on request.

Although we offer the facility to deliver to site, we cannot accept responsibility for the goods once signed for.

When deliveries are requested before 10am, please ensure that deliveries can be accepted from 7:30 onwards. Failure to do this may lead to non delivery and the possibility the delivery will be delayed by at least 24 hours. Before 10am delivery service is only available for mainland UK addresses.

During adverse weather conditions Kentec cannot be responsible for delays in items shipped. We will always endeavour to advise whether there are current delays at time of despatch.

## **Non-UK Delivery and Packing Charges**

All export orders (unless otherwise stated) are quoted ex-works. Export shipping charges are offered on request.

## Training and Site Attendance

Training courses can be booked through our website or call direct.

Please note that we are only able to offer training to Kentec account holders or as requested through authorised distributors. Non-account holders should submit their training request via the distributor in the first instance.

Please see "Support Services" for Prices

| <div> <div>TAKTIS Addressable fire alarm control panels</div> <div>  </div> </div> |                                                                                                                                                                                                                      |                  | exclusive |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------|
| Kentec Trade Price List                                                                                                                                               |                                                                                                                                                                                                                      | Taktis Discount  | 0%        |
|                                                                                                                                                                       |                                                                                                                                                                                                                      | General Discount | 0%        |
| Part No                                                                                                                                                               | Product Description                                                                                                                                                                                                  | List Price       | Net Price |
| <b>Taktis Addressable Fire Control panels - Hochiki protocol</b><br><i>A range of EN54-2 &amp; EN54-4 addressable fire control panels</i>                             |                                                                                                                                                                                                                      |                  |           |
| <b>Taktis Hochiki - 5.25A 240V Power Supply, Standard Enclosure up to 8 loops</b>                                                                                     |                                                                                                                                                                                                                      |                  |           |
| <b>TAAEE11010H1</b>                                                                                                                                                   | Taktis 2 loop, single aperture, standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, no zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size.    | £1,449.00        | £1,449.00 |
| <b>TAAEE21110H1</b>                                                                                                                                                   | Taktis 2 loop, dual aperture, standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size.      | £1,744.31        | £1,744.31 |
| <b>TAAEE2111PH1</b>                                                                                                                                                   | Taktis 2 loop, dual aperture, standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, thermal printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size. | £2,123.82        | £2,123.82 |
| <b>TAAEE21210H1</b>                                                                                                                                                   | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 96 zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size.       | £1,819.23        | £1,819.23 |

|                                                                                    |                                                                                                                                                                                                                 |           |           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>TAAEE21310H1</b>                                                                | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 144 zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size. | £1,893.68 | £1,893.68 |
| <b>Taktis Hochiki - 10.25A 240V Power Supply, Standard Enclosure up to 8 loops</b> |                                                                                                                                                                                                                 |           |           |
| <b>TAAEE13010H1</b>                                                                | Taktis 2 loop, single aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, no zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                      | £1,730.70 | £1,730.70 |
| <b>TAAEE23110H1</b>                                                                | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                        | £2,026.48 | £2,026.48 |
| <b>TAAEE2311PH1</b>                                                                | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, thermal printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                   | £2,405.52 | £2,405.52 |
| <b>TAAEE23210H1</b>                                                                | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                        | £2,100.92 | £2,100.92 |
| <b>TAAEE23310H1</b>                                                                | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 144 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                       | £2,175.38 | £2,175.38 |

| Taktis Hochiki - 10.25A 240V Power Supply, Deep Enclosure up to 8 loops  |                                                                                                                                                                                           |           |           |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>TAAED13010H1</b>                                                      | Taktis 2 loop, single aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, no zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops    | £1,789.53 | £1,789.53 |
| <b>TAAED23110H1</b>                                                      | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 48 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops      | £2,085.31 | £2,085.31 |
| <b>TAAED2311PH1</b>                                                      | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 48 zone indications, thermal printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops | £2,464.35 | £2,464.35 |
| <b>TAAED23210H1</b>                                                      | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops      | £2,159.76 | £2,159.76 |
| <b>TAAED23310H1</b>                                                      | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 144 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops     | £2,234.22 | £2,234.22 |
| Taktis Hochiki - 10.25A 240V Power Supply, Deep Enclosure up to 16 loops |                                                                                                                                                                                           |           |           |
| <b>TABED13010H1</b>                                                      | Taktis 2 loop, single aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, no zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops   | £3,357.26 | £3,357.26 |

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| <b>TABED23110H1</b>                                                                                                                               | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 48 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops                             | £3,495.66 | £3,495.66 |
| <b>TABED2311PH1</b>                                                                                                                               | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 96 zone indications, thermal printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops                        | £4,018.06 | £4,018.06 |
| <b>TABED23210H1</b>                                                                                                                               | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops                             | £3,594.89 | £3,594.89 |
| <b>TABED23310H1</b>                                                                                                                               | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 144 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops                            | £3,698.80 | £3,698.80 |
| <b>Taktis Addressable Fire Control panels - Apollo protocol</b><br><i>A range of EN54-2 &amp; EN54-4 approved addressable fire control panels</i> |                                                                                                                                                                                                                   |           |           |
| <b>Taktis Apollo - 5.25A 240V Power Supply, Standard Enclosure up to 8 loops</b>                                                                  |                                                                                                                                                                                                                   |           |           |
| <b>TAAEE11010A1</b>                                                                                                                               | Taktis 2 loop, single aperture, standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, no zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size. | £1,449.00 | £1,449.00 |

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| <b>TAAEE21110A1</b>                                                               | Taktis 2 loop, dual aperture, standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size.      | £1,744.78 | £1,744.78 |
| <b>TAAEE2111PA1</b>                                                               | Taktis 2 loop, dual aperture, standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, thermal printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size. | £2,123.82 | £2,123.82 |
| <b>TAAEE21210A1</b>                                                               | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 96 zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size.       | £1,819.23 | £1,819.23 |
| <b>TAAEE21310A1</b>                                                               | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 144 zone indications, no printer, 5.25 Amp PSU<br>Note: Panel is expandable to 4 loops max based on PSU size.      | £1,893.68 | £1,893.68 |
| <b>Taktis Apollo - 10.25A 240V Power Supply, Standard Enclosure up to 8 loops</b> |                                                                                                                                                                                                                      |           |           |
| <b>TAAEE13010A1</b>                                                               | Taktis 2 loop, single aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, no zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                           | £1,730.70 | £1,730.70 |
| <b>TAAEE23110A1</b>                                                               | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops                             | £2,026.48 | £2,026.48 |

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| <b>TAAEE2311PA1</b>                                                           | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 48 zone indications, thermal printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops | £2,405.52 | £2,405.52 |
| <b>TAAEE23210A1</b>                                                           | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops      | £2,100.92 | £2,100.92 |
| <b>TAAEE23310A1</b>                                                           | Taktis 2 loop, dual aperture standard enclosure 420mm (W) x 590mm (H) x 153mm (D), surface mount, 144 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops     | £2,175.38 | £2,175.38 |
| <b>Taktis Apollo - 10.25A 240V Power Supply, Deep Enclosure up to 8 loops</b> |                                                                                                                                                                                               |           |           |
| <b>TAAED13010A1</b>                                                           | Taktis 2 loop, single aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, no zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops        | £1,789.53 | £1,789.53 |
| <b>TAAED23110A1</b>                                                           | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 48 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops          | £2,085.31 | £2,085.31 |
| <b>TAAED2311PA1</b>                                                           | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 48 zone indications, thermal printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops     | £2,464.35 | £2,464.35 |

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| <b>TAAED23210A1</b>                                                            | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops    | £2,159.76 | £2,159.76 |
| <b>TAAED23310A1</b>                                                            | Taktis 2 loop, dual aperture deep enclosure 420mm (W) x 590mm (H) x 203mm (D), surface mount, 144 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 8 loops   | £2,234.22 | £2,234.22 |
| <b>Taktis Apollo - 10.25A 240V Power Supply, Deep Enclosure up to 16 loops</b> |                                                                                                                                                                                         |           |           |
| <b>TABED13010A1</b>                                                            | Taktis 2 loop, single aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, no zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops | £3,357.25 | £3,357.25 |
| <b>TABED23110A1</b>                                                            | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 48 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops   | £3,495.66 | £3,495.66 |
| <b>TABED2311PA1</b>                                                            | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops   | £4,018.06 | £4,018.06 |
| <b>TABED23210A1</b>                                                            | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 96 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops   | £3,594.89 | £3,594.89 |

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| <b>TABED23310A1</b>                                                                                                          | Taktis 2 loop, dual aperture deep enclosure 540mm (W) x 720mm (H) x 212mm (D), surface mount, 144 zone indications, no printer, 10.25 Amp PSU<br>Note: Panel is expandable to 16 loops                   | £3,698.80 | £3,698.80 |
| <b>Taktis Vision repeaters</b><br><i>A range of compact touch screen network repeaters</i>                                   |                                                                                                                                                                                                          |           |           |
| <b>TADEE0001000</b>                                                                                                          | <b>Taktis Vision network repeater</b><br>Surface mount 235mm (W) x 170mm (H) x 55mm (D), requires 24V DC supply                                                                                          | £903.80   | £903.80   |
| <b>TADEF0001000</b>                                                                                                          | <b>Taktis Vision network repeater</b><br>Flush mount 240mm (W) x 175mm (H) x 50mm (D), requires 24V DC supply                                                                                            | £903.80   | £903.80   |
| <b>Taktis Option cards</b><br><i>A range of option cards used to expand the capabilities of the Taktis Fire Contro Panel</i> |                                                                                                                                                                                                          |           |           |
| <b>K758</b>                                                                                                                  | <b>Dual loop card kit</b><br>Expands Taktis addressable loop capacity by 2 loops                                                                                                                         | £593.70   | £593.70   |
| <b>K2008</b>                                                                                                                 | <b>Taktis Network card</b><br>Partially isolated network providing RS485 communications for general use.                                                                                                 | £347.49   | £347.49   |
| <b>K2008FI</b>                                                                                                               | <b>Taktis Network card - Fully isolated</b><br>Fully isolated network card required when using third party networking interface such as fibre optic converters which do not have isolated power supplies | £435.74   | £435.74   |

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| K772 | <p><b>Taktis 16 Channel I /O Card Kit</b><br/>Expansion card provides 16 I/O channels, each channel can be independently configured as an input or output</p> <p><u>Outputs:</u><br/>Open collector transistor,<br/>Default off, turns on when active - operation can be inverted,<br/>Max 100mA per output or Max 500mA per group of 8 outputs i.e. 500mA for output channels 1-8, 500mA for output channels 9-16</p> <p><u>Inputs:</u><br/>Opto- Isolated<br/>Default normally open, closes when active - operation can be inverted<br/>Input current max 3mA</p> <p>Max 2 boards supported in 2-8 loop panels<br/>Max 6 boards supported in 2-16 loop panels</p> | £269.76 | £269.76 |
| K791 | <p><b>Taktis 8 Way Relay Card Kit</b><br/>Expansion card providing 8 Volt Free Changeover Relay outputs<br/>Rated 1 Amp @ 30V DC</p> <p>Max 2 boards supported in 2-8 loop panels<br/>Max 6 boards supported in 2-16 loop panels</p>                                                                                                                                                                                                                                                                                                                                                                                                                                | £259.68 | £259.68 |

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| <b>K792</b> | <p><b>Taktis 8 Way Conventional Module</b><br/>Expansion card providing 8 monitored conventional detection zone inputs which can be wired as 8 Class A radial circuits or 4 Class B loop circuits</p> <p>Conventional inputs support:<br/>Kentec LCMU (Line Continuity Monitor Unit) for BS5839-1 device removal, Intrinsically safety barriers and I.S. Conventional devices,<br/>Short circuit alarm activation</p> <p>Max 2 boards supported in 2-8 loop panels<br/>Max 6 boards supported in 2-16 loop panels</p> | £273.08 | £273.08 |
| <b>K793</b> | <p><b>Taktis 4 Way Sounder Card Kit</b><br/>Expansion card providing 4 monitored sounder outputs which can be wired as 4 Class A radial circuits or 2 Class B loop circuits</p> <p>Rated 1 Amp max per output, 2.5A max across all four outputs</p> <p>Max 2 boards supported in 2-8 loop panels<br/>Max 6 boards supported in 2-16 loop panels</p>                                                                                                                                                                   | £283.68 | £283.68 |
| <b>K794</b> | <p><b>Media Gateway Ethernet Only</b><br/>Communication module for Taktis addressable fire alarm panels</p> <p>Provides:<br/>IP connectivity - Provides connectivity for Ockular Graphics system, Vizulinx Alarm Management systems and VR Nimbus advance management tool</p> <p>Max 1 media gateway card per Taktis panel</p>                                                                                                                                                                                        | £430.22 | £430.22 |

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| <b>K788</b>                                                                                                       | <b>Media Gateway Ethernet &amp; Dialer</b><br>Communication module for Taktis addressable fire alarm panels<br><br>Provides:<br>Dual line dialer capability - Supports SIA or Contact ID protocols<br>IP connectivity - Provides connectivity for Ockular Graphics system, Vizulinx Alarm Management systems and VR Nimbus advance management tool<br><br>Max 1 media gateway card per Taktis panel | £606.72 | £606.72 |
| <b>Taktis Installation Accessories</b><br><i>A wide range of accessories to enhance Taktis fire alarm systems</i> |                                                                                                                                                                                                                                                                                                                                                                                                     |         |         |
| <b>M5FCLGT</b>                                                                                                    | <b>Taktis Flushing Collar</b><br>Flush mounting collar for 2-8 loop Taktis enclosures<br>420mm W x 590mm H                                                                                                                                                                                                                                                                                          | £98.32  | £98.32  |
| <b>KM1098LGT</b>                                                                                                  | <b>Taktis Vision Flushing Collar Kit</b><br>Flush mounting collar for Taktis Vision repeater enclosures - grey<br>240mm W x 175mm H                                                                                                                                                                                                                                                                 | £37.98  | £37.98  |
| <b>S2024</b>                                                                                                      | <b>Taktis USB Download Lead</b><br>A USB-A to USB-B lead for connecting a PC running LE2 configuration software to the Taktis panel                                                                                                                                                                                                                                                                 | £43.70  | £43.70  |
| <b>Taktis spares</b>                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                     |         |         |
| <b>K721</b>                                                                                                       | Taktis EN Display Board Kit                                                                                                                                                                                                                                                                                                                                                                         | £875.94 | £875.94 |
| <b>K722</b>                                                                                                       | Taktis Back Board Kit                                                                                                                                                                                                                                                                                                                                                                               | £256.72 | £256.72 |
| <b>K769</b>                                                                                                       | Taktis System A Board Kit                                                                                                                                                                                                                                                                                                                                                                           | £257.84 | £257.84 |
| <b>K770</b>                                                                                                       | Taktis System B Board Kit                                                                                                                                                                                                                                                                                                                                                                           | £229.19 | £229.19 |
| <b>K758</b>                                                                                                       | Dual loop card                                                                                                                                                                                                                                                                                                                                                                                      | £542.07 | £542.07 |

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| <b>K786</b>                                                                                                                                                                                        | Taktis 4 Slot Extension Board Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | £196.64 | £196.64 |
| <b>K768</b>                                                                                                                                                                                        | Taktis Thermal Printer Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | £529.82 | £529.82 |
| <b>K771</b>                                                                                                                                                                                        | Taktis 48 Zone LED Board Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | £106.03 | £106.03 |
| <b>B3532</b>                                                                                                                                                                                       | Taktis Replacement Door Lock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | £21.85  | £21.85  |
| <b>INS - Intelligent Networking Solutions</b><br><i>A range of products providing intelligent networking options for Taktis and Syncro control panels, as well as advanced network diagnostics</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |
| <b>DNX-A-2R-K</b>                                                                                                                                                                                  | <b>RS485 Dynamic Network Analyser</b><br>Dynamic Network Analyser for wired ring topology networks,<br>One analyser required for each panel on the network,<br>Continually monitors signal quality across the network and indicates performance before complete failure,<br>Automatic adjustment of termination impedance to compensate for changes in cable impedance ensure optimal network performance,<br>LED indications for simple and quick diagnostics of network faults,<br>DIN-Rail mount module<br>18-36V DC operating voltage                                                                                                                                                                          | £830.30 | £830.30 |
| <b>DNX-R-2F/FC-K</b>                                                                                                                                                                               | <b>RS485/Fibre &amp; Dual Fibre Dynamic Network Analyser</b><br>Provides a fibre optic or hybrid fibre/wired networking solution for Taktis and Syncro panel networks,<br>Module supports single mode, multi-mode and Bi-directional fibre optic solutions when used with the appropriate transceiver,<br>Module can also be used as a simple fibre optic converter,<br>Unique DOM (Digital Optical Monitoring) allows monitoring of all aspects of the fibre optic communications i.e. Laser power, temperature, voltage etc. and provides early indication of potential failures,<br>LED indications for simple and quick diagnostics of network faults,<br>DIN-Rail mount module<br>18-36V DC operating voltage | £947.60 | £947.60 |

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| <b>INST-SFP-MM-01-K</b>       | <b>SFP Multi-mode Fibre Optic Transceiver (550m)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a multi-mode fibre communication link between transceivers on the network,<br>Max distance between analysers 550m                                                                                                                                                                                 | £129.96 | £129.96 |
| <b>INST-SFP-SS-20K-1</b>      | <b>SFP Single Mode Fibre Optic Transceiver (20Km)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode fibre communication link between transceivers on the network,<br>Max distance between analysers 20km                                                                                                                                                                               | £129.96 | £129.96 |
| <b>INST-SFP-SS-80K-1</b>      | <b>SFP Single Mode Fibre Optic Transceiver (80Km)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode fibre communication link between transceivers on the network,<br>Max distance between analysers 80km                                                                                                                                                                               | £185.65 | £185.65 |
| <b>INST-SFP-BiDi-10K-AB-1</b> | <b>SFP Bi-directional Single Mode Fibre Optic Transceiver (1550nm TX/1310nm RX)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode Bi-directional communication link between analysers on the network,<br>Must be paired with INST-SFP-BiDi-10K-BA-1 Bi-directional transceiver so transmit and receive wavelengths match,<br>Transmit wavelength 1550nm,<br>Receive wavelength 1310nm, | £147.20 | £147.20 |
| <b>INST-SFP-BiDi-10K-BA-1</b> | <b>SFP Bi-directional Single Mode Fibre Optic Transceiver (1310nm TX/1550nm RX)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode Bi-directional communication link between analysers on the network,<br>Must be paired with INST-SFP-BiDi-10K-AB-1 Bi-directional transceiver so transmit and receive wavelengths match,<br>Transmit wavelength 1310nm,<br>Receive wavelength 1550nm, | £147.20 | £147.20 |

## Ockular Graphics System

*Graphical fire alarm management system, provides central reporting of Taktis Fire Alarm system status including graphical site plans showing locations of events i.e. alarms, faults etc.*

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| <b>OTEN2004</b> | <b>Ockular® Taktis - Small Panel Package</b><br>Graphical fire alarm management system licensed to monitor a Taktis network of up to 4 nodes<br>Package contains: <ul style="list-style-type: none"><li>- Taktis Media gateway card (K794)</li><li>- Ockular USB license dongle</li><li>- USB memory stick containing the Ockular Graphic software and manuals</li></ul>   | £4,114.99 | £4,114.99 |
| <b>OTEN2016</b> | <b>Ockular® Taktis - Medium Panel Package</b><br>Graphical fire alarm management system licensed to monitor a Taktis network of up to 16 nodes<br>Package contains: <ul style="list-style-type: none"><li>- Taktis Media gateway card (K794)</li><li>- Ockular USB license dongle</li><li>- USB memory stick containing the Ockular Graphic software and manuals</li></ul> | £5,465.22 | £5,465.22 |
| <b>OTEN2128</b> | <b>Ockular® Taktis - Large Panel Package</b><br>Graphical fire alarm management system licensed to monitor a Taktis network of up to 128 nodes<br>Package contains: <ul style="list-style-type: none"><li>- Taktis Media gateway card (K794)</li><li>- Ockular USB license dongle</li><li>- USB memory stick containing the Ockular Graphic software and manuals</li></ul> | £9,644.51 | £9,644.51 |

## Vizulinx Alarm Management gateway

*A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus*

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| <b>K85000M2</b> | <p><b>Vizulinx Gateway Unit</b><br/>Alarm management unit compatible with Kentec fire alarm panels,<br/>Provides the following features:</p> <ul style="list-style-type: none"><li>- Remote messaging of fire alarm system status via e-mail or text message</li><li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)</li><li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs, Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,</li></ul> <p>Surface mount enclosure 385mm (W) x 310 (H) x 90 (D),<br/>Requires 240VAC supply input</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,564.55 | £1,564.55 |
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| <b>K85000</b>    | <p><b>Vizulinx Gateway Module (Unboxed)</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:</p> <ul style="list-style-type: none"> <li>- Remote messaging of fire alarm system status via e-mail or text message</li> <li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)</li> <li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,</li> </ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br/> Operating voltage 9 - 30V DC</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,398.45 | £1,398.45 |
| <b>K85001BLU</b> | <p><b>BMS license upgrade</b><br/> License code for the Vizulinx product Modbus facility.<br/> Each license upgrade expands the available modbus addresses for loop devices within Vizulinx by 1000 modbus addresses per license</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | £321.48   | £321.48   |
| <b>K85001BAC</b> | <p><b>BACNet license upgrade</b><br/> License code for the Vizulinx product BACnet facility.<br/> Each license upgrade adds 500 BACnet object IDs</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | £353.63   | £353.63   |

## Ident indication panels

*A range of simple LED indication repeater panels*

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| <b>K6524L2</b> | <b>Addressable Ident panel - 24 LED indications</b><br>LED indication panel compatible with Taktis and Syncro addressable control panels<br>24 Programmable LED indications can be configured to display various status information<br>Common fire, fault and disabled indicators<br>Lamp test and Buzzer silence controls<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 60mm (D)<br>Requires 18-30V DC supply | £361.28 | £361.28 |
| <b>M2FCLGT</b> | Semi flushing bezel to fit M2 enclosure                                                                                                                                                                                                                                                                                                                                                                                | £53.58  | £53.58  |

## Matrix mimic panels

*A range of Addressable Mimic panels using flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid*

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| <b>MM-24-00-00-6M2</b> | <b>Addressable Matrix panel - Max 24 LEDs no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D)<br>Requires 21-30V DC supply | £965.24 | £965.24 |
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| <b>MM-24-00-00-6PM3</b> | <b>Addressable Matrix panel - Max 24 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>M3 Surface mount enclosure 385mm (W) x 520mm (H) x 90mm (D)<br>Internal PSU 230V AC input  | £1,158.29 | £1,158.29 |
| <b>MM-24-00-00-6PS3</b> | <b>Addressable Matrix panel - Max 24 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S3 Surface mount enclosure 500mm (W) x 355mm (H) x 120mm (D)<br>Internal PSU 230V AC input | £1,158.29 | £1,158.29 |
| <b>MM-56-00-00-6PM3</b> | <b>Addressable Matrix panel - Max 56 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>M3 Surface mount enclosure 385mm (W) x 520mm (H) x 90mm (D)<br>Internal PSU 230V AC input  | £1,599.54 | £1,599.54 |
| <b>MM-56-00-00-6PS3</b> | <b>Addressable Matrix panel - Max 56 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S3 Surface mount enclosure 500mm (W) x 355mm (H) x 120mm (D)<br>Internal PSU 230V AC input | £1,599.54 | £1,599.54 |

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| <b>MM-56-00-00-6PS4</b>                                                                                                                | <b>Addressable Matrix panel - Max 56 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S4 Surface mount enclosure 500mm (W) x 650mm (H) x 140mm (D)<br>Internal PSU 230V AC input  | £1,820.16 | £1,820.16 |
| <b>MM-104-00-00-6PS4</b>                                                                                                               | <b>Addressable Matrix panel - Max 104 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S4 Surface mount enclosure 500mm (W) x 650mm (H) x 140mm (D)<br>Internal PSU 230V AC input | £2,482.04 | £2,482.04 |
| <b>MM-152-00-00-6PS4</b>                                                                                                               | <b>Addressable Matrix panel - Max 152 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S4 Surface mount enclosure 500mm (W) x 650mm (H) x 140mm (D)<br>Internal PSU 230V AC input | £3,254.23 | £3,254.23 |
| <b>If the above options do not meet your requirements, please contact your sales representative to discuss a possible custom build</b> |                                                                                                                                                                                                                                                                                                                                                                 |           |           |
| <b>K707</b>                                                                                                                            | <b>16 LED Extension board: Red</b><br>A PCB containing 16 Red LEDs which can be used a a replacement part or to extend the number of LEDs in an existing where capacity exists                                                                                                                                                                                  | £253.72   | £253.72   |
| <b>K715</b>                                                                                                                            | <b>16 LED Extension board: Yellow</b><br>A PCB containing 16 Yellow LEDs which can be used a a replacement part or to extend the number of LEDs in an existing where capacity exists                                                                                                                                                                            | £253.72   | £253.72   |

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| <b>K716</b>                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>16 LED Extension board: Green</b><br>A PCB containing 16 Green LEDs which can be used as a replacement part or to extend the number of LEDs in an existing where capacity exists                                                                                                                                                                                                 | £253.72 | £253.72 |
| <b>KFOC5</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Fibre Optic Cable with Light Pipe - Kit of 5</b><br>Can be used as replacement parts or to expand existing systems where capacity exists                                                                                                                                                                                                                                         | £42.86  | £42.86  |
| <b>KFOC10</b>                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Fibre Optic Cable with Light Pipe - Kit of 10</b><br>Can be used as replacement parts or to expand existing systems where capacity exists                                                                                                                                                                                                                                        | £85.73  | £85.73  |
| <b>B5712</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Fibre Optic Cutting Tool</b><br>A dedicated tool used to cut fibre optic cable to the required lengths                                                                                                                                                                                                                                                                           | £36.43  | £36.43  |
| <b>Addressable Sounder Controller Units</b><br><i>A range of enclosures containing addressable sounder modules for various protocols supported by the Kentec panels. Sounder controller units enable additional, distributed power and control for sounder circuits in situations where there are insufficient circuits at the fire alarm control panel or where additional power is required to power heavily loaded sounder circuits</i> |                                                                                                                                                                                                                                                                                                                                                                                     |         |         |
| <b>A1725203</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>2 Output Addressable Sounder Controller Unit - Apollo protocol</b><br>An enclosure containing Apollo XP95 protocol sounder modules giving 2 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)  | £988.14 | £988.14 |
| <b>H1725203</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>2 Output Addressable Sounder Controller Unit - Hochiki protocol</b><br>An enclosure containing Hochiki ESP protocol sounder modules giving 2 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D) | £606.72 | £606.72 |

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| <b>A1725403</b> | <b>4 Output Addressable Sounder Controller Unit - Apollo protocol</b><br>An enclosure containing Apollo XP95 protocol sounder modules giving 4 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)  | £1,601.25 | £1,601.25 |
| <b>H1725403</b> | <b>4 Output Addressable Sounder Controller Unit - Hochiki protocol</b><br>An enclosure containing Hochiki ESP protocol sounder modules giving 4 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D) | £841.02   | £841.02   |
| <b>A1725603</b> | <b>6 Output Addressable Sounder Controller Unit - Apollo protocol</b><br>An enclosure containing Apollo XP95 protocol sounder modules giving 6 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)  | £2,226.00 | £2,226.00 |
| <b>H1725603</b> | <b>6 Output Addressable Sounder Controller Unit - Hochiki protocol</b><br>An enclosure containing Hochiki ESP protocol sounder modules giving 6 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D) | £1,086.24 | £1,086.24 |
| <b>M266LGT</b>  | <b>Semi-flushing collar</b><br>Suitable for flush mounting 03, 11 and 13 type enclosures, box size<br>Fits box size 500mm (H) x 355mm (W)                                                                                                                                                                                                                                           | £53.58    | £53.58    |

| Demo equipment |                                                        |           |           |
|----------------|--------------------------------------------------------|-----------|-----------|
| <b>DCTA001</b> | Taktis Demo Case                                       | £5,835.80 | £5,835.80 |
| <b>KTA001</b>  | Demo Case Networking and Peripheral Comms Cable Kit    | £267.01   | £267.01   |
| Test equipment |                                                        |           |           |
| <b>Q1263</b>   | Apollo Test Set SA7800-870APO (No discount applicable) | £428.64   | N/A       |

## Syncro AS Addressable fire alarm control panels (EN)

| Kentec Trade Price List                                                                                                                                                              |                                                                                                                                                                                                                                                                   | Enter Discount | 0%        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|
| Part No                                                                                                                                                                              | Product Description                                                                                                                                                                                                                                               | List Price     | Net Price |
| <b>Syncro AS Lite Analogue Addressable Control Panels</b><br><i>A range of cost effective EN54-2 &amp; EN54-4 approved single loop non-networkable addressable fire alarm panels</i> |                                                                                                                                                                                                                                                                   |                |           |
| <b>LA81161M2</b>                                                                                                                                                                     | <b>Syncro AS Lite - Apollo Protocol</b><br>Single addressable loop, 16 Zonal indications<br>Non-networkable<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                         | £529.50        | £529.50   |
| <b>LA80161M2</b>                                                                                                                                                                     | <b>Syncro AS Lite - Apollo Protocol c/w enable keyswitch</b><br>Single addressable loop, 16 Zonal indications<br>access level 2 enable keyswitch<br>Non-networkable<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £595.69        | £595.69   |
| <b>LV81161M2</b>                                                                                                                                                                     | <b>Syncro AS Lite - Argus Vega Protocol</b><br>Single addressable loop, 16 Zonal indications<br>Non-networkable<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                     | £529.50        | £529.50   |

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| <b>LV80161M2</b>                                                                                                                                                                                                                            | <b>Syncro AS Lite - Argus Vega Protocol c/w enable keyswitch</b><br>Single addressable loop, 16 Zonal indications<br>access level 2 enable keyswitch<br>Non-networkable<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £595.69 | £595.69 |
| <b>LH81161M2</b>                                                                                                                                                                                                                            | <b>Syncro AS Lite - Hochiki Protocol</b><br>Single addressable loop, 16 Zonal indications<br>Non-networkable<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                            | £529.50 | £529.50 |
| <b>LH80161M2</b>                                                                                                                                                                                                                            | <b>Syncro AS Lite - Hochiki Protocol c/w enable keyswitch</b><br>Single addressable loop, 16 Zonal indications<br>access level 2 enable keyswitch<br>Non-networkable<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)    | £595.69 | £595.69 |
| <b>Syncro AS Single loop Analogue Addressable Control Panels</b><br><i>A range of EN54-2 &amp; EN54-4 approved single loop fully networkable addressable control panels, expandable to two loops with addition of loop 2 extension card</i> |                                                                                                                                                                                                                                                                       |         |         |
| <b>H81161M2</b>                                                                                                                                                                                                                             | <b>Syncro AS single loop - Hochiki Protocol</b><br>Single addressable loop, expandable to two loops<br>16 Zonal indications<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £667.39 | £667.39 |

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|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>H80161M2</b> | <b>Syncro AS single loop - Hochiki Protocol c/w enable keyswitch</b><br>Single addressable loop, expandable to two loops<br>16 Zonal indications<br>access level 2 enable keyswitch<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £711.52 | £711.52 |
| <b>A81161M2</b> | <b>Syncro AS single loop - Apollo Protocol</b><br>Single addressable loop, expandable to two loops<br>16 Zonal indications<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                          | £667.39 | £667.39 |
| <b>A80161M2</b> | <b>Syncro AS single loop - Apollo Protocol c/w enable keyswitch</b><br>Single addressable loop, expandable to two loops<br>16 Zonal indications<br>access level 2 enable keyswitch<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)  | £711.52 | £711.52 |
| <b>V81161M2</b> | <b>Syncro AS single loop - Argus Vega Protocol</b><br>Single addressable loop, expandable to two loops<br>16 Zonal indications<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                      | £667.39 | £667.39 |

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| <b>V80161M2</b>                                                                                                                                              | <b>Syncro AS single loop - Argus Vega Protocol c/w enable keyswitch</b><br>Single addressable loop, expandable to two loops<br>16 Zonal indications<br>access level 2 enable keyswitch<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £711.52   | £711.52   |
| <b>Syncro AS Two loop Analogue Addressable Control Panels</b><br><i>A range of EN54-2 &amp; EN54-4 two loop fully networkable addressable control panels</i> |                                                                                                                                                                                                                                                                                                                                  |           |           |
| <b>H81162M2</b>                                                                                                                                              | <b>Syncro AS Two loop - Hochiki Protocol</b><br>Two addressable loops<br>16 Zonal indications<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                                                          | £992.82   | £992.82   |
| <b>H80162M2</b>                                                                                                                                              | <b>Syncro AS Two loop - Hochiki Protocol c/w enable keyswitch</b><br>Two addressable loops<br>16 Zonal indications<br>access level 2 enable keyswitch<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                  | £1,042.46 | £1,042.46 |

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>A81162M2</b> | <b>Syncro AS Two loop - Apollo Protocol</b><br>Two addressable loops<br>16 Zonal indications<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                             | £992.82   | £992.82   |
| <b>A80162M2</b> | <b>Syncro AS Two loop - Apollo Protocol c/w enable keyswitch</b><br>Two addressable loops<br>16 Zonal indications<br>access level 2 enable keyswitch<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)     | £1,042.46 | £1,042.46 |
| <b>V81162M2</b> | <b>Syncro AS Two loop - Argus Vega Protocol</b><br>Two addressable loops<br>16 Zonal indications<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                         | £992.82   | £992.82   |
| <b>V80162M2</b> | <b>Syncro AS Two loop - Argus Vega Protocol c/w enable keyswitch</b><br>Two addressable loops<br>16 Zonal indications<br>access level 2 enable keyswitch<br>Networkable (requires K555 network card)<br>Integral 3 Amp power supply<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £1,042.46 | £1,042.46 |

## Syncro View repeater

*A range of LCD repeater panel extending the controls and indications of the Syncro AS fire alarm control panel to other locations*

|                 |                                                                                                                                                                                                                                                                                                                                      |         |         |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K67000M1</b> | <b>Syncro View Local LCD Repeater Panel no PSU</b><br>Duplicates the indications and controls of the Syncro AS fire alarm control panel<br>Dedicated 2 wire RS485 communication<br>No PSU, requires a 24V DC supply<br>Surface mount M1 enclosure 350mm (W) x 255mm (H) x 90mm (D)                                                   | £441.25 | £441.25 |
| <b>K67001M1</b> | <b>Syncro View Local LCD Repeater Panel: c/w enable keyswitch</b><br>Duplicates the indications and controls of the Syncro AS fire alarm control panel<br>access level 2 enable keyswitch<br>Dedicated 2 wire RS485 communication<br>No PSU, requires a 24V DC supply<br>Surface mount M1 enclosure 350mm (W) x 255mm (H) x 90mm (D) | £469.27 | £469.27 |
| <b>K67750M1</b> | <b>Syncro View Local LCD Repeater Panel: c/w PSU</b><br>Duplicates the indications and controls of the Syncro AS fire alarm control panel<br>Dedicated 2 wire RS485 communication<br>Internal 750mA PSU, 230V AC input<br>Surface mount M1 enclosure 350mm (W) x 255mm (H) x 90mm (D)                                                | £584.66 | £584.66 |

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| <b>K67751M1</b>                                                                                                                     | <b>Syncro View Local LCD Repeater Panel: c/w enable keyswitch &amp; PSU</b><br>Duplicates the indications and controls of the Syncro AS fire alarm control panel<br>access level 2 enable keyswitch<br>Dedicated 2 wire RS485 communication<br>Internal 750mA PSU, 230V AC input<br>Surface mount M1 enclosure 350mm (W) x 255mm (H) x 90mm (D) | £606.72 | £606.72 |
| <b>Syncro AS option cards</b><br><i>A range of option cards used to expand the capabilities of the Syncro AS Fire Control Panel</i> |                                                                                                                                                                                                                                                                                                                                                 |         |         |
| <b>K586H</b>                                                                                                                        | <b>Syncro AS Loop 2 Extension Card: Hochiki Protocol</b><br>Used to expand a Hochiki protocol single loop Syncro AS to two loops or can be used as a replacement part for Syncro AS 2 loop panels                                                                                                                                               | £358.52 | £358.52 |
| <b>K586A</b>                                                                                                                        | <b>Syncro AS Loop 2 Extension Card: Apollo Protocol</b><br>Used to expand an Apollo protocol single loop Syncro AS to two loops or can be used as a replacement part for Syncro AS 2 loop panels                                                                                                                                                | £358.52 | £358.52 |
| <b>K586V</b>                                                                                                                        | <b>Syncro AS Loop 2 Extension Card: Argus Vega Protocol</b><br>Used to expand an Argus Vega protocol single loop Syncro AS to two loops or can be used as a replacement part for Syncro AS 2 loop panels                                                                                                                                        | £358.52 | £358.52 |
| <b>K555</b>                                                                                                                         | <b>Syncro Fault Tolerant Network Card</b><br>Added to Syncro AS panels when multiple panels are required to be connected together as a network<br>Supports a network of 64 Syncro AS panels in fully fault tolerant RS485 network                                                                                                               | £303.36 | £303.36 |

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| <b>K560</b> | <b>Syncro I/O - 16 Channel I/O board</b><br>Expansion board with 16 channels, each channel can be individually programmed as an open collector output or opto-isolated input<br>Full cause and effect available for all inputs/outputs<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards                                                                                                                                                                                          | £270.27 | £270.27 |
| <b>K547</b> | <b>Syncro I/O - 8 Way Relay Extender Board</b><br>Expansion board with 8 Volt Free Relay Outputs, rated 1 Amp @30V DC<br>Full cause and effect available for all outputs<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards                                                                                                                                                                                                                                                        | £270.27 | £270.27 |
| <b>K546</b> | <b>Syncro I/O - 6 Way Sounder Extender Board</b><br>Expansion board with 6 monitored sounder Outputs<br>Max 1 Amp per output<br>Full cause and effect available for all outputs<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards                                                                                                                                                                                                                                                 | £270.27 | £270.27 |
| <b>K545</b> | <b>Syncro I/O - 4 Way Conventional Detection Zone Module</b><br>Expansion board which can be used to replace a conventional detection panel interfacing circuits directly to a Syncro addressable system<br>4 x monitored conventional detection zones, max 30 devices per zone<br>2 x Monitored sounder outputs - Max 1 Amp per circuit<br>1 x VFCO Fire relay - rated 1A @ 30V DC<br>1 x VFCO Fault relay - rated 1A @ 30V DC<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards | £270.27 | £270.27 |

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| <b>K16001M2</b>                                                                                                                              | <b>Syncro I/O Expansion Card Enclosure - no power supply</b><br>The I/O enclosure offers the installer the flexibility to create their own customised I/O panel and supports 3 x Syncro I/O cards                                   | £120.17 | £120.17 |
| <b>K16750M2*</b>                                                                                                                             | <b>Syncro I/O Expansion Card Enclosure with 750mA power supply*</b><br>The I/O enclosure offers the installer the flexibility to create their own customised I/O panel and supports 2 x Syncro I/O cards. Space for 3.2Ah batteries | £363.63 | £363.63 |
| <b>K16250M2</b>                                                                                                                              | <b>Syncro I/O Expansion Card Enclosure with 2.5A power supply</b><br>The I/O enclosure offers the installer the flexibility to create their own customised I/O panel and supports 2 x Syncro I/O cards. Space for 3.2Ah batteries   | £322.26 | £322.26 |
| <b>K16400M2</b>                                                                                                                              | <b>Syncro I/O Expansion Card Enclosure with 5.25A power supply</b><br>The I/O enclosure offers the installer the flexibility to create their own customised I/O panel and supports 2 x Syncro I/O cards. Space for 3.2Ah batteries  | £365.96 | £365.96 |
| <b>Syncro AS Installation accessories</b><br><i>A wide range of accessory products that can be used to enhance Syncro fire alarm systems</i> |                                                                                                                                                                                                                                     |         |         |
| <b>X187LS</b>                                                                                                                                | <b>Software Download Lead Economy</b><br>compatible with Syncro and Solo panels                                                                                                                                                     | £48.22  | £48.22  |
| <b>S187</b>                                                                                                                                  | <b>Software Download Lead Standard</b><br>Compatible with Syncro panels only<br><b>Important! Do not use on Solo panels as this will damage the panel</b>                                                                           | £90.55  | £90.55  |
| <b>U187</b>                                                                                                                                  | <b>USB to RS232 Serial Converter</b><br>Converts the serial connector of the download lead to a USB A connection for laptops which do not have a serial port                                                                        | £105.42 | £105.42 |

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| <b>K768P2</b>                                                                                                                                                                                      | <b>Printer Module enclosure</b><br>Provides the ability to expand a Syncro AS panel to include a printer<br>Surface mount enclosure containing a thermal front-loading printer which mounts below the Syncro AS panel<br>Enclosure can also double as a key box with 6 internally accessible key hooks<br>385mm (W) x 125mm (H) x 90mm (D)                                                                                                                                                                                                | £436.97 | £436.97 |
| <b>M1FCLGT</b>                                                                                                                                                                                     | <b>Semi-Flushing collar M1</b><br>Suitable for flush mounting M1 type enclosures box size 310mm (W) x 255mm (H)                                                                                                                                                                                                                                                                                                                                                                                                                           | £42.86  | £42.86  |
| <b>M2FCLGT</b>                                                                                                                                                                                     | <b>Semi-Flushing collar M2</b><br>Suitable for flush mounting M2, L2 and H2 type enclosures, box size 385mm (W) x 310mm (H)                                                                                                                                                                                                                                                                                                                                                                                                               | £53.58  | £53.58  |
| <b>K18002</b>                                                                                                                                                                                      | <b>Vision window cover assembly</b> (M2 size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | £144.67 | £144.67 |
| <b>INS - Intelligent Networking Solutions</b><br><i>A range of products providing intelligent networking options for Taktis and Syncro control panels, as well as advanced network diagnostics</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |         |
| <b>DNX-A-2R-K</b>                                                                                                                                                                                  | <b>RS485 Dynamic Network Analyser</b><br>Dynamic Network Analyser for wired ring topology networks,<br>One analyser required for each panel on the network,<br>Continually monitors signal quality across the network and indicates performance before complete failure,<br>Automatic adjustment of termination impedance to compensate for changes in cable impedance ensure optimal network performance,<br>LED indications for simple and quick diagnostics of network faults,<br>DIN-Rail mount module<br>18-36V DC operating voltage | £830.30 | £830.30 |

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| <b>DNX-R-2F/FC-K</b>     | <b>RS485/Fibre &amp; Dual Fibre Dynamic Network Analyser</b><br>Provides a fibre optic or hybrid fibre/wired networking solution for Taktis and Syncro panel networks,<br>Module supports single mode, multi-mode and Bi-directional fibre optic solutions when used with the appropriate transceiver,<br>Module can also be used as a simple fibre optic converter,<br>Unique DOM (Digital Optical Monitoring) allows monitoring of all aspects of the fibre optic communications i.e. Laser power, temperature, voltage etc. and provides early indication of potential failures,<br>LED indications for simple and quick diagnostics of network faults,<br>DIN-Rail mount module<br>18-36V DC operating voltage | £947.60 | £947.60 |
| <b>INST-SFP-MM-01-K</b>  | <b>SFP Multi-mode Fibre Optic Transceiver (550m)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a multi-mode fibre communication link between transceivers on the network,<br>Max distance between analysers 550m                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | £129.96 | £129.96 |
| <b>INST-SFP-SS-20K-1</b> | <b>SFP Single Mode Fibre Optic Transceiver (20Km)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode fibre communication link between transceivers on the network,<br>Max distance between analysers 20km                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | £129.96 | £129.96 |
| <b>INST-SFP-SS-80K-1</b> | <b>SFP Single Mode Fibre Optic Transceiver (80Km)</b><br>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode fibre communication link between transceivers on the network,<br>Max distance between analysers 80km                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | £185.65 | £185.65 |

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| <b>INST-SFP-BiDi-10K-AB-1</b> | <p><b>SFP Bi-directional Single Mode Fibre Optic Transceiver (1550nm TX/1310nm RX)</b></p> <p>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode Bi-directional communication link between analysers on the network, Must be paired with INST-SFP-BiDi-10K-<b>BA</b>-1 Bi-directional transceiver so transmit and receive wavelengths match,<br/>Transmit wavelength 1550nm,<br/>Receive wavelength 1310nm,</p> | £147.20 | £147.20 |
| <b>INST-SFP-BiDi-10K-BA-1</b> | <p><b>SFP Bi-directional Single Mode Fibre Optic Transceiver (1310nm TX/1550nm RX)</b></p> <p>Plug-in transceiver for use with DNX-R-2F/FC-K analysers provides a single mode Bi-directional communication link between analysers on the network, Must be paired with INST-SFP-BiDi-10K-<b>AB</b>-1 Bi-directional transceiver so transmit and receive wavelengths match,<br/>Transmit wavelength 1310nm,<br/>Receive wavelength 1550nm,</p> | £147.20 | £147.20 |

## Ockular Graphics System

*Graphical fire alarm management system, provides central reporting of Syncro/Syncro AS Fire Alarm system status including graphical site plans showing locations of events i.e. alarms, faults etc.*

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| <b>OSEN2004</b> | <b>Ockular® Syncro/Syncro AS - Small Panel Package</b><br>Graphical fire alarm management system licensed to monitor a Syncro/Syncro AS network of up to 4 nodes<br>Package contains: <ul style="list-style-type: none"><li>- Interface PCB (S572)</li><li>- USB/RS232 converter</li><li>- Ockular USB license dongle</li><li>- USB memory stick containing the Ockular Graphic software and manuals</li></ul>   | £4,114.99 | £4,114.99 |
| <b>OSEN2016</b> | <b>Ockular® Syncro AS/Syncro - Medium Panel Package</b><br>Graphical fire alarm management system licensed to monitor a Syncro/Syncro AS network of up to 16 nodes<br>Package contains: <ul style="list-style-type: none"><li>- Interface PCB (S572)</li><li>- USB/RS232 converter</li><li>- Ockular USB license dongle</li><li>- USB memory stick containing the Ockular Graphic software and manuals</li></ul> | £5,465.22 | £5,465.22 |

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| <b>OSEN2064</b>                                                                                                                                                                                                                                                                                                                                                                   | <p><b>Ockular® Syncro AS/Syncro - Large Panel Package</b><br/> Graphical fire alarm management system licensed to monitor a Syncro/Syncro AS network of up to 64 nodes<br/> Package contains:<br/> - Interface PCB (\$572)<br/> - USB/RS232 converter<br/> - Ockular USB license dongle<br/> - USB memory stick containing the Ockular Graphic software and manuals</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | £9,644.51 | £9,644.51 |
| <p><b>Vizulinx Alarm Management gateway</b><br/> <i>A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus</i></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |           |
| <b>K85000M2</b>                                                                                                                                                                                                                                                                                                                                                                   | <p><b>Vizulinx Gateway Unit</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:<br/> - Remote messaging of fire alarm system status via e-mail or text message<br/> - Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)<br/> - 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,<br/> Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> Surface mount enclosure 385mm (W) x 310 (H) x 90 (D),<br/> Requires 240VAC supply input<br/><br/> Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,564.55 | £1,564.55 |

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| <b>K85000</b>    | <p><b>Vizulinx Gateway Module (Unboxed)</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:</p> <ul style="list-style-type: none"> <li>- Remote messaging of fire alarm system status via e-mail or text message</li> <li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACNet addressing)</li> <li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,</li> </ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br/> Operating voltage 9 - 30V DC</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,398.45 | £1,398.45 |
| <b>K85001BLU</b> | <p><b>BMS license upgrade</b><br/> License code for the Vizulinx product Modbus facility.<br/> Each license upgrade expands the available modbus addresses for loop devices within Vizulinx by 1000 modbus addresses per license</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | £321.48   | £321.48   |
| <b>K85001BAC</b> | <p><b>BACNet license upgrade</b><br/> License code for the Vizulinx product BACnet facility.<br/> Each license upgrade adds 500 BACnet object IDs</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | £353.63   | £353.63   |

## Ident indication panels

*A range of simple LED indication repeater panels*

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| <b>K6524L2</b> | <b>Addressable Ident panel - 24 LED indications</b><br>LED indication panel compatible with Taktis and Syncro addressable control panels<br>24 Programmable LED indications can be configured to display various status information<br>Common fire, fault, and disabled indicators<br>Lamp test and Buzzer silence controls<br>Surface mount M2 enclosure 385mm (W) x 310mm (H) x 60mm (D)<br>Requires 18-30V DC supply | £361.28 | £361.28 |
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## Matrix mimic panels

*A range of Addressable Mimic panels using flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid*

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| <b>MM-24-00-00-6M2</b>  | <b>Addressable Matrix panel - Max 24 LEDs no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D)<br>Requires 21-30V DC supply           | £965.24   | £965.24   |
| <b>MM-24-00-00-6PM3</b> | <b>Addressable Matrix panel - Max 24 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>M3 Surface mount enclosure 385mm (W) x 520mm (H) x 90mm (D)<br>Internal PSU 230V AC input | £1,158.29 | £1,158.29 |

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| <b>MM-24-00-00-6PS3</b> | <b>Addressable Matrix panel - Max 24 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S3 Surface mount enclosure 500mm (W) x 355mm (H) x 120mm (D)<br>Internal PSU 230V AC input | £1,158.29 | £1,158.29 |
| <b>MM-56-00-00-6PM3</b> | <b>Addressable Matrix panel - Max 56 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>M3 Surface mount enclosure 385mm (W) x 520mm (H) x 90mm (D)<br>Internal PSU 230V AC input  | £1,599.54 | £1,599.54 |
| <b>MM-56-00-00-6PS3</b> | <b>Addressable Matrix panel - Max 56 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S3 Surface mount enclosure 500mm (W) x 355mm (H) x 120mm (D)<br>Internal PSU 230V AC input | £1,599.54 | £1,599.54 |
| <b>MM-56-00-00-6PS4</b> | <b>Addressable Matrix panel - Max 56 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S4 Surface mount enclosure 500mm (W) x 650mm (H) x 140mm (D)<br>Internal PSU 230V AC input | £1,820.16 | £1,820.16 |

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| <b>MM-104-00-00-6PS4</b>                                                                                                               | <b>Addressable Matrix panel - Max 104 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S4 Surface mount enclosure 500mm (W) x 650mm (H) x 140mm (D)<br>Internal PSU 230V AC input | £2,482.04 | £2,482.04 |
| <b>MM-152-00-00-6PS4</b>                                                                                                               | <b>Addressable Matrix panel - Max 152 LEDs c/w PSU, no controls</b><br>The Addressable Matrix system uses flexible, fibre optic light guides to illuminate areas on a floor plan, laid over a high-resolution grid<br>Compatible with Taktis and Syncro AS panels<br>S4 Surface mount enclosure 500mm (W) x 650mm (H) x 140mm (D)<br>Internal PSU 230V AC input | £3,254.23 | £3,254.23 |
| <b>If the above options do not meet your requirements, please contact your sales representative to discuss a possible custom build</b> |                                                                                                                                                                                                                                                                                                                                                                 |           |           |
| <b>K707</b>                                                                                                                            | <b>16 LED Extension board: Red</b><br>A PCB containing 16 Red LEDs which can be used a replacement part or to extend the number of LEDs in an existing where capacity exists                                                                                                                                                                                    | £253.72   | £253.72   |
| <b>K715</b>                                                                                                                            | <b>16 LED Extension board: Yellow</b><br>A PCB containing 16 Yellow LEDs which can be used a replacement part or to extend the number of LEDs in an existing where capacity exists                                                                                                                                                                              | £253.72   | £253.72   |
| <b>K716</b>                                                                                                                            | <b>16 LED Extension board: Green</b><br>A PCB containing 16 Green LEDs which can be used a replacement part or to extend the number of LEDs in an existing where capacity exists                                                                                                                                                                                | £253.72   | £253.72   |
| <b>KFOC5</b>                                                                                                                           | <b>Fibre Optic Cable with Light Pipe - Kit of 5</b><br>Can be used as replacement parts or to expand existing systems where capacity exists                                                                                                                                                                                                                     | £42.86    | £42.86    |

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| <b>KFOC10</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Fibre Optic Cable with Light Pipe - Kit of 10</b><br>Can be used as replacement parts or to expand existing systems where capacity exists                                                                                                                                                                                                                                          | £85.73  | £85.73  |
| <b>B5712</b>                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Fibre Optic Cutting Tool</b><br>A dedicated tool used to cut fibre optic cable to the required lengths                                                                                                                                                                                                                                                                             | £36.43  | £36.43  |
| <b>Addressable Sounder Controller Units</b><br><i>A range of enclosures containing addressable sounder modules for various protocols supported by the Kentec panels. Sounder controller units enable additional, distributed power and control for sounder circuits in situations where there are insufficient circuits at the fire alarm control panel or where additional power is required to power heavily loaded sounder circuits.</i> |                                                                                                                                                                                                                                                                                                                                                                                       |         |         |
| <b>A1725203</b>                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>2 Output Addressable Sounder Controller Unit - Apollo protocol</b><br>An enclosure containing Apollo XP95 protocol sounder modules giving 2 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)    | £988.14 | £988.14 |
| <b>V1725203</b>                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>2 Output Addressable Sounder Controller Unit - Argus Vega protocol</b><br>An enclosure containing Argus Vega protocol sounder modules giving 2 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D) | £752.29 | £752.29 |

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| <b>H1725203</b> | <b>2 Output Addressable Sounder Controller Unit - Hochiki protocol</b><br>An enclosure containing Hochiki ESP protocol sounder modules giving 2 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)   | £606.72   | £606.72   |
| <b>A1725403</b> | <b>4 Output Addressable Sounder Controller Unit - Apollo protocol</b><br>An enclosure containing Apollo XP95 protocol sounder modules giving 4 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)    | £1,601.25 | £1,601.25 |
| <b>V1725403</b> | <b>4 Output Addressable Sounder Controller Unit - Argus Vega protocol</b><br>An enclosure containing Argus Vega protocol sounder modules giving 4 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D) | £1,125.11 | £1,125.11 |
| <b>H1725403</b> | <b>4 Output Addressable Sounder Controller Unit - Hochiki protocol</b><br>An enclosure containing Hochiki ESP protocol sounder modules giving 4 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)   | £841.02   | £841.02   |

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| <b>A1725603</b>                                               | <b>6 Output Addressable Sounder Controller Unit - Apollo protocol</b><br>An enclosure containing Apollo XP95 protocol sounder modules giving 6 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)    | £2,226.00 | £2,226.00 |
| <b>V1725603</b>                                               | <b>6 Output Addressable Sounder Controller Unit - Argus Vega protocol</b><br>An enclosure containing Argus Vega protocol sounder modules giving 6 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D) | £1,557.50 | £1,557.50 |
| <b>H1725603</b>                                               | <b>6 Output Addressable Sounder Controller Unit - Hochiki protocol</b><br>An enclosure containing Hochiki ESP protocol sounder modules giving 6 x monitored sounder outputs<br>Integral 2.5A PSU with space for up to 2 x 12v 7Ah SLA batteries<br>2 x Power status indicators (Green LED -Healthy, Amber LED - Fault)<br>Surface mount enclosure 500mm (W) x 355mm (H) x 108mm (D)   | £1,086.24 | £1,086.24 |
| <b>M266LGT</b>                                                | <b>Semi-flushing collar</b><br>Suitable for flush mounting 03, 11 and 13 type enclosures, box size<br>Fits box size 500mm (H) x 355mm (W)                                                                                                                                                                                                                                             | £53.58    | £53.58    |
| <b>* - End of life product, subject to stock availability</b> |                                                                                                                                                                                                                                                                                                                                                                                       |           |           |

## Conventional Fire Detection (EN)

### Kentec Trade Price List

Enter Discount

0%

Part No

Product Description

List Price

Net Price

### Sigma CP Conventional Fire Control Panels

*A range of cost effective EN54-2 & EN54-4 approved conventional fire alarm control panels for small applications*

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| <b>K11020M2</b> | <b>Sigma CP - 2 Zone conventional fire alarm control panel</b><br>2 x Monitored detection zones compatible with many conventional detection devices,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Configurable for use with I.S. devices and safety barriers,<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £254.41 | £254.41 |
| <b>K11040M2</b> | <b>Sigma CP - 4 Zone conventional fire alarm control panel</b><br>4 x Monitored detection zones compatible with many conventional detection devices,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Configurable for use with I.S. devices and safety barriers,<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £290.75 | £290.75 |

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| <b>K11080M2</b>  | <p><b>Sigma CP - 8 Zone conventional fire alarm control panel</b><br/> 8 x Monitored detection zones compatible with many conventional detection devices,<br/> 2 x Monitored sounder outputs - 500mA per output,<br/> VFCO outputs 1A @ 30V DC (Fire, Local Fire &amp; Fault),<br/> Integral 3 Amp PSU,<br/> Space for 2 x 12V 7Ah SLA batteries<br/> M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D)</p>                                                                                                                                                                | £339.21 | £339.21 |
| <b>KL11020M2</b> | <p><b>Sigma CP - 2 Zone conventional fire alarm control panel c/w LCMU</b><br/> 2 x Monitored detection zones compatible with many conventional detection devices,<br/> 2 x Monitored sounder outputs - 500mA per output,<br/> VFCO outputs 1A @ 30V DC (Fire, Local Fire &amp; Fault),<br/> LCMU supports the use of diode detector bases for BS5839 Part 1 device removal,<br/> Configurable for use with I.S. devices and safety barriers,<br/> Integral 3 Amp PSU,<br/> Space for 2 x 12V 7Ah SLA batteries<br/> M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D)</p> | £260.46 | £260.46 |

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| <b>KL11040M2</b> | <b>Sigma CP - 4 Zone conventional fire alarm control panel c/w LCMU</b><br>4 x Monitored detection zones compatible with many conventional detection devices,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>LCMU supports the use of diode detector bases for BS5839 Part 1 device removal,<br>Configurable for use with I.S. devices and safety barriers,<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £296.81 | £296.81 |
| <b>KL11080M2</b> | <b>Sigma CP - 8 Zone conventional fire alarm control panel c/w LCMU</b><br>8 x Monitored detection zones compatible with many conventional detection devices,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>LCMU supports the use of diode detector bases for BS5839 Part 1 device removal,<br>Configurable for use with I.S. devices and safety barriers,<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £345.26 | £345.26 |

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| <b>T11020M2</b> | <b>Sigma CP Two Wire Panel - 2 Zones</b><br>2 x Monitored 2 wire detection zones supports the connection of detectors and notification devices on the same zone wiring,<br>Compatible with two wire detection bases from Apollo and Hochiki,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £278.63 | £278.63 |
| <b>T11040M2</b> | <b>Sigma CP Two Wire Panel - 4 Zones</b><br>4 x Monitored 2 wire detection zones supports the connection of detectors and notification devices on the same zone wiring,<br>Compatible with two wire detection bases from Apollo and Hochiki,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £314.98 | £314.98 |
| <b>T11080M2</b> | <b>Sigma CP Two Wire Panel - 8 Zones</b><br>8 x Monitored 2 wire detection zones supports the connection of detectors and notification devices on the same zone wiring,<br>Compatible with two wire detection bases from Apollo and Hochiki,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £363.44 | £363.44 |

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| <b>KA11020M2</b> | <b>Sigma CP-A Alarmsense Conventional Panel - 2 Zones</b><br>Compatible with Apollo Alarmsense 2 wire range,<br>2 x 2 wire detection zones supports the connection of detectors and notification devices on the same zone wiring,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £278.63 | £278.63 |
| <b>KA11040M2</b> | <b>Sigma CP-A Alarmsense Conventional Panel - 4 zones</b><br>Compatible with Apollo Alarmsense 2 wire range,<br>4 x 2 wire detection zones supports the connection of detectors and notification devices on the same zone wiring,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £314.98 | £314.98 |
| <b>KA11080M2</b> | <b>Sigma CP-A Alarmsense Conventional Panel - 8 Zones</b><br>Compatible with Apollo Alarmsense 2 wire range,<br>8 x 2 wire detection zones supports the connection of detectors and notification devices on the same zone wiring,<br>2 x Monitored sounder outputs - 500mA per output,<br>VFCO outputs 1A @ 30V DC (Fire, Local Fire & Fault),<br>Integral 3 Amp PSU,<br>Space for 2 x 12V 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £363.44 | £363.44 |

## Sigma CP-R conventional fire alarm repeater panels

*A range of cost effective repeater panels compatible with all Sigma CP conventional fire alarm panels*

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| <b>E01020L2</b> | <b>Sigma CP-R Low Profile 2 - Zone Conventional Repeater Panel no PSU</b><br>2- wire serial connection,<br>Up to seven repeaters supported on a single panel,<br>Full control over main panel<br>VFCO outputs 1A @ 30V DC (Fire & Fault),<br>Requires 20-30V DC supply<br>L2 Low profile surface mount enclosure 385mm (W) x 310mm (H) x 60mm (D) | £169.09 | £169.09 |
| <b>E01040L2</b> | <b>Sigma CP-R Low Profile 4 - Zone Conventional Repeater Panel no PSU</b><br>2- wire serial connection,<br>Up to seven repeaters supported on a single panel,<br>Full control over main panel<br>VFCO outputs 1A @ 30V DC (Fire & Fault),<br>Requires 20-30V DC supply<br>L2 Low profile surface mount enclosure 385mm (W) x 310mm (H) x 60mm (D) | £192.42 | £192.42 |

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| <b>E01080L2</b> | <b>Sigma CP-R Low Profile 8 - Zone Conventional Repeater Panel no PSU</b><br>2- wire serial connection,<br>Up to seven repeaters supported on a single panel,<br>Full control over main panel<br>VFCO outputs 1A @ 30V DC (Fire & Fault),<br>Requires 20-30V DC supply<br>L2 Low profile surface mount enclosure 385mm (W) x 310mm (H) x 60mm (D)                                 | £239.06 | £239.06 |
| <b>K01020M2</b> | <b>Sigma CP-R 2 - Zone Conventional Repeater Panel c/w PSU</b><br>2- wire serial connection,<br>Up to seven repeaters supported on a single panel,<br>Full control over main panel<br>VFCO outputs 1A @ 30V DC (Fire & Fault),<br>Integral 1.6A PSU requires 230V AC input,<br>Space for 2 x 12v 7Ah SLA batteries<br>M2 surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £262.39 | £262.39 |
| <b>K01040M2</b> | <b>Sigma CP-R 4 - Zone Conventional Repeater Panel c/w PSU</b><br>2- wire serial connection,<br>Up to seven repeaters supported on a single panel,<br>Full control over main panel<br>VFCO outputs 1A @ 30V DC (Fire & Fault),<br>Integral 1.6A PSU requires 230V AC input,<br>Space for 2 x 12v 7Ah SLA batteries<br>M2 surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £285.71 | £285.71 |

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| <b>K01080M2</b>                                                                                                                        | <b>Sigma CP-R 8 - Zone Conventional Repeater Panel c/w PSU</b><br>2- wire serial connection,<br>Up to seven repeaters supported on a single panel,<br>Full control over main panel<br>VFCO outputs 1A @ 30V DC (Fire & Fault),<br>Integral 1.6A PSU requires 230V AC input,<br>Space for 2 x 12v 7Ah SLA batteries<br>M2 surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £344.02 | £344.02 |
| <b>Sigma CP expansion boards</b><br><i>A range of option cards used to expand the capabilities of the Sigma CP Fire Control Panels</i> |                                                                                                                                                                                                                                                                                                                                                                                   |         |         |
| <b>K461</b>                                                                                                                            | <b>Sigma CP Sounder PCB</b><br>Expansion board for Sigma control panels,<br>Provides 8 additional monitored sounder outputs,<br>Up to 7 Sounder boards supported on a single panel,<br>Max 1A per output,<br>Class change input,<br>2-wire serial connection<br>Require 20-30V DC supply                                                                                          | £164.92 | £164.92 |
| <b>K04000M2</b>                                                                                                                        | <b>Sigma CP Sounder PCB boxed</b><br>Provides 8 additional monitored sounder outputs,<br>Up to 7 Sounder boards supported on a single panel,<br>Max 1A per output,<br>Class change input,<br>2-wire serial connection<br>Requires 20 - 30V DC supply<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                               | £231.66 | £231.66 |

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| <b>K04400M2</b> | <b>Sigma CP Sounder PCB boxed with PSU</b><br>Provides 8 additional monitored sounder outputs,<br>Up to 7 Sounder boards supported on a single panel,<br>Max 1A per output,<br>Class change input,<br>2-wire serial connection<br>Integral 5.25A PSU 230V AC input,<br>Space for 2 x 12v 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £490.89 | £490.89 |
| <b>K577</b>     | 2 Way Sounder Extender Module with Interface (For use with existing panels)                                                                                                                                                                                                                                                                                               | £125.63 | £125.63 |
| <b>K580</b>     | <b>Sigma CP Ancillary PCB</b><br>Provides VFCO Fire, Fault and Coincidence outputs rated 1A @ 30V DC,<br>Open collector Zonal Fire outputs,<br>Up to 7 Ancillary boards supported on a single panel,<br>Requires a 20-30V DC supply                                                                                                                                       | £164.92 | £164.92 |
| <b>K02000M2</b> | <b>Sigma CP Ancillary PCB boxed</b><br>Provides VFCO Fire, Fault and Coincidence outputs rated 1A @ 30V DC,<br>Open collector Zonal Fire outputs,<br>Up to 7 Ancillary boards supported on a single panel,<br>Requires a 20-30V DC supply<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D)                                                                  | £220.63 | £220.63 |

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| <b>K02750M2</b>                                                                                                  | <b>Sigma CP Ancillary PCB boxed c/w PSU</b><br>Provides VFCO Fire, Fault and Coincidence outputs rated 1A @ 30V DC,<br>Open collector Zonal Fire outputs,<br>Up to 7 Ancillary boards supported on a single panel,<br>Integral PSU 230V AC input,<br>Space for 2 x 12v 7Ah SLA batteries<br>M2 Surface mount enclosure 385mm (W) x 310mm (H) x 90mm (D) | £297.85 | £297.85 |
| <b>Sigma CP installation accessories</b><br><i>A range of accessories to enhance Sigma CP fire alarm systems</i> |                                                                                                                                                                                                                                                                                                                                                         |         |         |
| <b>K18002</b>                                                                                                    | <b>Vision Window cover assembly (M2 size)</b><br>Provides additional security for control panels using M2 size enclosures,<br>Clear perspex window allows visibility of status indications but restricts access to panel controls                                                                                                                       | £144.67 | £144.67 |
| <b>M2FCLGT</b>                                                                                                   | <b>Semi-Flushing collar M2</b><br>Suitable for flush mounting M2, L2 and H2 type enclosures,<br>box size 385mm (W) x 310mm (H)                                                                                                                                                                                                                          | £53.58  | £53.58  |
| <b>K14060</b>                                                                                                    | <b>LCMU Line Continuity Monitoring Unit</b><br>Active EOL device compatible with Sigma CP detection zones,<br>LCMU is required along with diode detection bases to provide BS5839 part 1 detector removal                                                                                                                                               | £8.04   | £8.04   |

### Vizulinx Alarm Management gateway

*A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus*

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| <b>K85000M2</b> | <p><b>Vizulinx Gateway Unit</b><br/>Alarm management unit compatible with Kentec fire alarm panels,<br/>Provides the following features:</p> <ul style="list-style-type: none"><li>- Remote messaging of fire alarm system status via e-mail or text message</li><li>- Modbus connectivity to interface system to third party equipment such as BMS (See manual for modbus addressing)</li><li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provide status outputs,</li></ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/>Surface mount enclosure 385mm (W) x 310 (H) x 90 (D),<br/>Requires 240VAC supply input</p> | £1,564.55 | £1,564.55 |
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| <b>K85000</b> | <p><b>Vizulinx Gateway Module (Unboxed)</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:</p> <ul style="list-style-type: none"> <li>- Remote messaging of fire alarm system status via e-mail or text message</li> <li>- Modbus connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus addressing)</li> <li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,</li> </ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br/> Operating voltage 9 - 30V DC</p> | <p>£1,398.45</p> | <p>£1,398.45</p> |
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## Extinguishing Control Systems (EN)

### Kentec Trade Price List

Enter Discount

0%

Part No

Product Description

List Price

Net Price

### Conventional Extinguishing control panels

### Sigma XT - 3 Zone Single Area Extinguishant Control Panel

*An EN12094-1, EN54-2 and EN54-4 approved single area extinguishing control panel for control of gaseous suppression systems*

|                 |                                                                                                                                                                                                                                                                                                                                                                                                     |         |         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K11031M2</b> | <b>Sigma XT Extinguishant Control Panel</b><br>Single area extinguishing control panel with 3 conventional detection zones,<br>Extinguishing status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 7Ah SLA batteries,<br>Surface Mount M2 enclosure 385mm (W) x 310mm (H) x 90mm (D) | £551.57 | £551.57 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|

## Sigma ZXT - 3 Zone Single Area Extinguishant Control Panel, with dynamic backlit display and event log

*An EN12094-1, EN54-2 and EN54-4 approved single area extinguishing control panel for control of gaseous suppression systems*

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K192311XM2</b> | <b>Sigma ZXT Extinguishant Control Panel (Standard Enclosure)</b><br>Single area extinguishing control panel with 3 conventional detection zones, event log and dynamic backlit LCD status display<br>Extinguishing status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 2.6A Amp universal power supply<br>Surface Mount enclosure 368mm (W) x 324mm (H) x 96mm (D)          | £605.12 | £605.12 |
| <b>K192311XM3</b> | <b>Sigma ZXT Extinguishant Control Panel - large enclosure</b><br>Single area extinguishing control panel with 3 conventional detection zones, event log and dynamic backlit LCD status display<br>Extinguishing status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 2.6A Amp universal power supply<br>Surface Mount enclosure 368mm (W) x 433mm (H) x 130mm (D)            | £626.54 | £626.54 |
| <b>K195311XM3</b> | <b>Sigma ZXT Extinguishant Control Panel - large enclosure, 5A 240V PSU</b><br>Single area extinguishing control panel with 3 conventional detection zones, event log and dynamic backlit LCD status display<br>Extinguishing status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5A Amp universal power supply<br>Surface Mount enclosure 368mm (W) x 433mm (H) x 130mm (D) | £696.15 | £696.15 |

## Sigma XT+ - Multi Area Extinguishant Control Panels

*A range of EN12094-1, EN54-2 and EN54-4 approved extinguishing control panels for control of gaseous suppression systems protecting multiple locations*

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |         |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K21001M2</b> | <b>Sigma XT+ Extinguishant Coincidence Unit</b><br>Single area extinguishing control module that can receive activation signals from any fire alarm control panel,<br>2 supervised inputs enable coincidence activation,<br>Extinguishing status indicators + LCD,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5 Amp power supply 230V AC input,<br>Space for 2 x 12V 7Ah SLA batteries,<br>Surface Mount M2 enclosure 385mm (W) x 310mm (H) x 110mm (D)<br>(The H2 size enclosure is used on this product) | £579.14 | £579.14 |
| <b>K21021M3</b> | <b>Sigma XT+ 2 Zone, single area extinguishing control panel</b><br>2 Zone conventional detection module + 1 single area extinguishing control module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control, Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)                                                                                                   | £689.46 | £689.46 |

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| <b>K21041M3</b> | <b>Sigma XT+ 4 Zone, single area extinguishing control panel</b><br>2 Zone conventional detection module + 1 single area extinguishing control module,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D) | £755.64   | £755.64   |
| <b>K21042M3</b> | <b>Sigma XT+ 4 Zone, 2 area extinguishing control panel</b><br>4 Zone conventional detection module + 2 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)                                                      | £1,196.90 | £1,196.90 |

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| K21081M3 | <b>Sigma XT+ 8 Zone, single area extinguishing control panel</b><br>8 Zone conventional detection module + 1 single area extinguishing control module,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D) | £1,103.13 | £1,103.13 |
| K21082M3 | <b>Sigma XT+ 8 Zone, 2 area extinguishing control panel</b><br>8 Zone conventional detection module + 2 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)                                                      | £1,268.60 | £1,268.60 |

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| K21083M4 | <b>Sigma XT+ 8 Zone, 3 area extinguishing control panel</b><br>8 Zone conventional detection module + 3 single area extinguishing control module,<br>Space to add additional extinguishing modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £1,566.44 | £1,566.44 |
| K21084M4 | <b>Sigma XT+ 8 Zone, 4 area extinguishing control panel</b><br>8 Zone conventional detection module + 4 single area extinguishing control modules,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £1,897.38 | £1,897.38 |

## Addressable Extinguishing control panels

### Syncro XT+ Multi Area Addressable Extinguishant Control Panels

*A range of EN12094-1, EN54-2 and EN54-4 approved multi-area extinguishing control panels. Syncro XT+ combines Syncro AS addressable control panel in combination with single area extinguishing release modules for control of gaseous suppression systems protecting multiple locations*

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>A31161M3</b> | <b>Syncro XT+ 1 loop Apollo protocol, 1 area extinguishing control panel</b><br>Syncro single loop addressable control module + 1 single area extinguishing control module,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D) | £1,323.76 | £1,323.76 |
| <b>A32161M3</b> | <b>Syncro XT+ 2 loop Apollo protocol, 1 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 1 single area extinguishing control module,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)      | £1,737.43 | £1,737.43 |

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| <b>A31162M3</b> | <b>Syncro XT+ 1 loop Apollo protocol, 2 area extinguishing control panel</b><br>Syncro 1 loop addressable control module + 2 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)                                                     | £1,765.01 | £1,765.01 |
| <b>A32162M3</b> | <b>Syncro XT+ 2 loop Apollo protocol, 2 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 2 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control, Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)                                                        | £2,178.68 | £2,178.68 |
| <b>A31163M4</b> | <b>Syncro XT+ 1 loop Apollo protocol, 3 area extinguishing control panel</b><br>Syncro 1 loop addressable control module + 3 single area extinguishing control module,<br>Space to add additional extinguishing modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £2,206.26 | £2,206.26 |

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>A32163M4</b> | <b>Syncro XT+ 2 loop Apollo protocol, 3 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 3 single area extinguishing control modules,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £2,619.93 | £2,619.93 |
| <b>A31164M4</b> | <b>Syncro XT+ 1 loop Apollo protocol, 4 area extinguishing control panel</b><br>Syncro single loop addressable control module + 4 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D)                                             | £2,647.51 | £2,647.51 |
| <b>A32164M4</b> | <b>Syncro XT+ 2 loop Apollo protocol, 4 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 4 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D)                                                  | £3,061.19 | £3,061.19 |

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| <b>H31161M3</b> | <b>Syncro XT+ 1 loop Hochiki protocol, 1 area extinguishing control panel</b><br>Syncro single loop addressable control module + 1 single area extinguishing control module,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D) | £1,323.76 | £1,323.76 |
| <b>H32161M3</b> | <b>Syncro XT+ 2 loop Hochiki protocol, 1 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 1 single area extinguishing control module,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)      | £1,737.43 | £1,737.43 |

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|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>H31162M3</b> | <b>Syncro XT+ 1 loop Hochiki protocol, 2 area extinguishing control panel</b><br>Syncro 1 loop addressable control module + 2 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control, Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D)                                                     | £1,765.01 | £1,765.01 |
| <b>H32162M3</b> | <b>Syncro XT+ 2 loop Hochiki protocol, 2 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 2 single area extinguishing control modules,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M3 enclosure 385mm (W) x 520mm (H) x 110mm (D) | £2,178.68 | £2,178.68 |

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| <b>H31163M4</b> | <b>Syncro XT+ 1 loop Hochiki protocol, 3 area extinguishing control panel</b><br>Syncro 1 loop addressable control module + 3 single area extinguishing control modules,<br>Space to add additional extinguishing module,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 3 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D)     | £2,206.26 | £2,206.26 |
| <b>H32163M4</b> | <b>Syncro XT+ 2 loop Hochiki protocol, 3 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 3 single area extinguishing control modules,<br>Space to add additional extinguishing modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £2,619.93 | £2,619.93 |

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>H31164M4</b> | <b>Syncro XT+ 1 loop Hochiki protocol, 4 area extinguishing control panel</b><br>Syncro 1 loop addressable control module + 4 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £2,647.51 | £2,647.51 |
| <b>H32164M4</b> | <b>Syncro XT+ 2 loop Hochiki protocol, 4 area extinguishing control panel</b><br>Syncro 2 loop addressable control module + 4 single area extinguishing control modules,<br>Detection and Extinguishing controls and status indicators,<br>Dual action manual extinguishing release control,<br>Auto/Manual keyswitch,<br>Integral 5.25 Amp power supply 230V AC input,<br>Space for 2 x 12V 12Ah SLA batteries,<br>Surface Mount M4 enclosure 385mm (W) x 700mm (H) x 145mm (D) | £3,061.19 | £3,061.19 |

## Sigma Expansion PCB's

*A range of option cards used to expand the capabilities of the Sigma extinguishing Control Panels*

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K588</b>     | <b>Sigma XT Ancillary PCB</b><br>Expansion board for Sigma extinguishing panels,<br>Provides relay outputs for signalling of extinguishing system status,<br>Up to 7 ancillary board supported on a single panel,<br>10 x 1A @ 30V DC relay outputs - Z1 Fire, Z2 Fire, Z3 Fire, Man Mode, Disable,<br>Release, Activated, Hold, Extract, Manual Release<br>Serial communication with panel,<br>Requires 20-30V DC supply                                                                                   | £159.95 | £159.95 |
| <b>K03000M2</b> | <b>Sigma XT Ancillary PCB boxed</b><br>Expansion board for Sigma extinguishing panels,<br>Provides relay outputs for signalling of extinguishing system status,<br>Up to 7 ancillary board supported on a single panel,<br>10 x 1A @ 30V DC relay outputs - Z1 Fire, Z2 Fire, Z3 Fire, Man Mode, Disable,<br>Release, Activated, Hold, Extract, Manual Release<br>Serial communication with panel,<br>Requires 20-30V DC supply<br>Surface mount M2 enclosure,<br>box size 385mm (W) x 310mm (H) x 90mm (D) | £226.14 | £226.14 |

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|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K03750M2</b>  | <b>Sigma XT Ancillary PCB boxed c/w PSU</b><br>Expansion board for Sigma extinguishing panels,<br>Provides relay outputs for signalling of extinguishing system status,<br>Up to 7 ancillary board supported on a single panel,<br>10 x 1A @ 30V DC relay outputs - Z1 Fire, Z2 Fire, Z3 Fire, Man Mode, Disable,<br>Release, Activated, Hold, Extract, Manual Release<br>Serial communication with panel,<br>Integral 0.75A PSU 230V AC input,<br>Space for 2 x 12v 7Ah SLA batteries,<br>Surface mount M2 enclosure,<br>box size 385mm (W) x 310mm (H) x 90mm (D) | £308.88 | £308.88 |
| <b>K03000XM2</b> | <b>Sigma XT Ancillary PCB boxed - ZXT Enclosure Style</b><br>Expansion board for Sigma extinguishing panels,<br>Provides relay outputs for signalling of extinguishing system status,<br>Up to 7 ancillary board supported on a single panel,<br>10 x 1A @ 30V DC relay outputs - Z1 Fire, Z2 Fire, Z3 Fire, Man Mode, Disable,<br>Release, Activated, Hold, Extract, Manual Release<br>Serial communication with panel,<br>Requires 20-30V DC supply<br>Surface mount Sigma ZXT style enclosure,<br>box size 368mm (W) x 310mm (H) x 90mm (D)                      | £226.14 | £226.14 |

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|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K03260XM2</b> | <b>Sigma XT Ancillary PCB boxed c/w PSU - ZXT Enclosure Style</b><br>Expansion board for Sigma extinguishing panels,<br>Provides relay outputs for signalling of extinguishing system status,<br>Up to 7 ancillary board supported on a single panel,<br>10 x 1A @ 30V DC relay outputs - Z1 Fire, Z2 Fire, Z3 Fire, Man Mode, Disable, Release, Activated, Hold, Extract, Manual Release<br>Serial communication with panel,<br>Integral 2.6A universal AC input voltage power supply,<br>Space for 2 x 12v 7Ah SLA batteries,<br>Surface mount Sigma ZXT style enclosure,<br>box size 368mm (W) x 324mm (H) x 96mm (D) | £308.88 | £308.88 |
| <b>K700</b>      | <b>Sigma XT+ Extinguishant module</b><br>Used to expand 1 and 3 area Sigma XT+ extinguishing panels, or as a replacement part,<br>Complete module includes PCB and fascia plate                                                                                                                                                                                                                                                                                                                                                                                                                                          | £424.71 | £424.71 |
| <b>K580</b>      | <b>Sigma CP Ancillary PCB</b><br>Provides VFCO Fire, Fault and Coincidence outputs rated 1A @ 30V DC,<br>Open collector Zonal Fire outputs,<br>Up to 7 Ancillary boards supported on a single panel,<br>Requires a 20-30V DC supply                                                                                                                                                                                                                                                                                                                                                                                      | £164.92 | £164.92 |

|                                                                                                                                     |                                                                                                                                                                                                                                                                                                                               |         |         |
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| <b>K461</b>                                                                                                                         | <b>Sigma CP Sounder PCB</b><br>Expansion board for Sigma control panels,<br>Provides 8 additional monitored sounder outputs,<br>Up to 7 Sounder boards supported on a single panel,<br>Max 1A per output,<br>Class change input,<br>2-wire serial connection<br>Require 20-30V DC supply                                      | £164.92 | £164.92 |
| <b>Syncro Expansion PCB's</b><br><i>A range of option cards used to expand the capabilities of the Syncro AS Fire Control Panel</i> |                                                                                                                                                                                                                                                                                                                               |         |         |
| <b>K586H</b>                                                                                                                        | <b>Syncro AS Loop 2 Extension Card: Hochiki Protocol</b><br>Used to expand a Hochiki protocol single loop Syncro AS to two loops or can be used as a replacement part for Syncro AS 2 loop panels                                                                                                                             | £358.52 | £358.52 |
| <b>K586A</b>                                                                                                                        | <b>Syncro AS Loop 2 Extension Card: Apollo Protocol</b><br>Used to expand an Apollo protocol single loop Syncro AS to two loops or can be used as a replacement part for Syncro AS 2 loop panels                                                                                                                              | £358.52 | £358.52 |
| <b>K560</b>                                                                                                                         | <b>Syncro I/O - 16 Channel I/O board</b><br>Expansion board with 16 channels, each channel can be individually programmed as an open collector output or opto-isolated input<br>Full cause and effect available for all inputs/outputs<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards | £270.27 | £270.27 |

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| <b>K547</b> | <b>Syncro I/O - 8 Way Relay Extender Board</b><br>Expansion board with 8 Volt Free Relay Outputs, rated 1 Amp @30V DC<br>Full cause and effect available for all outputs<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards                                                                                                                                                                                                                                                        | £270.27 | £270.27 |
| <b>K546</b> | <b>Syncro I/O - 6 Way Sounder Extender Board</b><br>Expansion board with 6 monitored sounder Outputs<br>Max 1 Amp per output<br>Full cause and effect available for all outputs<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards                                                                                                                                                                                                                                                 | £270.27 | £270.27 |
| <b>K545</b> | <b>Syncro I/O - 4 Way Conventional Detection Zone Module</b><br>Expansion board which can be used to replace a conventional detection panel interfacing circuits directly to a Syncro addressable system<br>4 x monitored conventional detection zones, max 30 devices per zone<br>2 x Monitored sounder outputs - Max 1 Amp per circuit<br>1 x VFCO Fire relay - rated 1A @ 30V DC<br>1 x VFCO Fault relay - rated 1A @ 30V DC<br>2 wire RS485 Communication with panel<br>Panel will support max 32 expansion Boards | £270.27 | £270.27 |

## Extinguishing System Accessories

### Sigma SI status Indicators

*A range of remote status indicator repeater units compatible with all Sigma extinguishing control panels*

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |         |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K911000M8</b> | <b>Sigma Si - 6 LED Extinguishant Status Unit</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br>7 Segment LED display,<br>Imminent & released,<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)                                                                     | £126.86 | £126.86 |
| <b>K911010M8</b> | <b>Sigma Si - 6 LED Extinguishant Status Unit c/w Manual release</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Dual action manual extinguishing release control,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent & released,<br>7 Segment LED display<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D) | £137.89 | £137.89 |

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| K911100M8 | <p><b>Sigma Si - 6 LED Extinguishant Status Unit c/w Mode Select keyswitch</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent &amp; released,<br/> 7 Segment LED display<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p>                                                                             | £137.89 | £137.89 |
| K911110M8 | <p><b>Sigma Si - 6 LED Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Dual action manual extinguishing release control,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent &amp; released,<br/> 7 Segment LED display<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p> | £154.44 | £154.44 |

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| <b>K911113M8</b> | <p><b>Sigma Si - 10 LED Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Dual action manual extinguishing release control,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - 3 x Zonal Fire, Fault, Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent &amp; released,<br/> 7 Segment LED display<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p> <p>Note: Not compatible with Sigma XT+ range</p> | <p>£182.02</p> | <p>£182.02</p> |
| <b>W911000W8</b> | <p><b>Sigma Si - 6 LED weatherproof Extinguishant Status Unit</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br/> 7 Segment LED display,<br/> Imminent &amp; released,<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount IP65 S8 enclosure<br/> 256mm (W) x 170mm (H) x 60mm (D)</p>                                                                                                                                                                                            | <p>£154.44</p> | <p>£154.44</p> |

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|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>W911100W8</b> | <b>Sigma Si - 6 LED weatherproof Extinguishant Status Unit c/w Mode Select keyswitch</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Auto/Manual two position keyswitch,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br>7 Segment LED display,<br>Imminent & released,<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D)                                                                           | £182.02 | £182.02 |
| <b>W911110W8</b> | <b>Sigma Si - 6 LED weatherproof Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Dual action manual extinguishing release control,<br>Auto/Manual two position keyswitch,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br>7 Segment LED display,<br>Imminent & released,<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D) | £231.66 | £231.66 |

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| <p><b>W911113W8</b></p> | <p><b>Sigma Si - 10 LED weatherproof Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b><br/> Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Dual action manual extinguishing release control,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - 3 x Zonal Fire, Fault, Manual Only, Auto/Manual, Hold Operated, Disabled,<br/> 7 Segment LED display,<br/> Imminent &amp; released,<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount IP65 S8 enclosure<br/> 256mm (W) x 170mm (H) x 60mm (D)</p> <p>Note: Not compatible with Sigma XT+ range</p> | <p>£242.69</p> | <p>£242.69</p> |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|

## Sigma ZSi Status Indicators - ZXT Style

*A range of remote status indicator repeater units compatible with all Sigma extinguishing control panels*

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K921000M8</b> | <b>Sigma ZSi - 6 LED Extinguishant Status Unit</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br>7 Segment LED display,<br>Imminent & released,<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)                                                                     | £126.86 | £126.86 |
| <b>K921010M8</b> | <b>Sigma ZSi - 6 LED Extinguishant Status Unit c/w Manual release</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Dual action manual extinguishing release control,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent & released,<br>7 Segment LED display<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D) | £137.89 | £137.89 |

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|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| K921100M8 | <p><b>Sigma ZSi - 6 LED Extinguishant Status Unit c/w Mode Select keyswitch</b><br/> Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent &amp; released,<br/> 7 Segment LED display<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p>                                                                             | £137.89 | £137.89 |
| K921110M8 | <p><b>Sigma ZSi - 6 LED Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b><br/> Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Dual action manual extinguishing release control,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent &amp; released,<br/> 7 Segment LED display<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p> | £154.44 | £154.44 |

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| <b>K921113M8</b> | <p><b>Sigma ZSi - 10 LED Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Dual action manual extinguishing release control,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - 3 x Zonal Fire, Fault, Manual Only, Auto/Manual, Hold Operated, Disabled, Imminent &amp; released,<br/> 7 Segment LED display<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p> <p>Note: Not compatible with Sigma XT+ range</p> | <p>£182.02</p> | <p>£182.02</p> |
| <b>W921000W8</b> | <p><b>Sigma ZSi - 6 LED weatherproof Extinguishant Status Unit</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br/> 7 Segment LED display,<br/> Imminent &amp; released,<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount IP65 S8 enclosure<br/> 256mm (W) x 170mm (H) x 60mm (D)</p>                                                                                                                                                                                            | <p>£154.44</p> | <p>£154.44</p> |

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|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>W921100W8</b> | <b>Sigma ZSi - 6 LED weatherproof Extinguishant Status Unit c/w Mode Select keyswitch</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Auto/Manual two position keyswitch,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br>7 Segment LED display,<br>Imminent & released,<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D)                                                                           | £182.02 | £182.02 |
| <b>W921110W8</b> | <b>Sigma ZSi - 6 LED weatherproof Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b><br>Compliant with EN12094-1<br>Serial connection - max 7 Si per extinguishing area,<br>Dual action manual extinguishing release control,<br>Auto/Manual two position keyswitch,<br>Status LEDs - Manual Only, Auto/Manual, Hold Operated, Disabled,<br>7 Segment LED display,<br>Imminent & released,<br>Auto/Manual doorlock input,<br>Remote Hold input,<br>Requires 21-30V DC supply<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D) | £231.66 | £231.66 |

|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |         |
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| <b>W921113W8</b>                                                                                                                                                                  | <p><b>Sigma ZSi - 10 LED weatherproof Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b></p> <p>Compliant with EN12094-1<br/> Serial connection - max 7 Si per extinguishing area,<br/> Dual action manual extinguishing release control,<br/> Auto/Manual two position keyswitch,<br/> Status LEDs - 3 x Zonal Fire, Fault, Manual Only, Auto/Manual, Hold Operated, Disabled,<br/> 7 Segment LED display,<br/> Imminent &amp; released,<br/> Auto/Manual doorlock input,<br/> Remote Hold input,<br/> Requires 21-30V DC supply<br/> Surface mount IP65 S8 enclosure<br/> 256mm (W) x 170mm (H) x 60mm (D)</p> <p>Note: Not compatible with Sigma XT+ range</p> | £242.69 | £242.69 |
| <p><b>Syncro SI status Indicators</b></p> <p><i>A range of remote status indicator repeater units compatible with Apollo Protocol Syncro XT+ extinguishing control panels</i></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |         |
| <b>A91000M8</b>                                                                                                                                                                   | <p><b>Syncro Si Addressable Extinguishant Status Unit</b></p> <p>connects on addressable loop, loop powered,<br/> Status LEDs - Discharge Imminent, Extinguishant released, Manual Only &amp; Auto/Manual,<br/> Remote Hold input,<br/> Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)</p>                                                                                                                                                                                                                                                                                                                                                                                     | £141.75 | £141.75 |

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>A91100M8</b> | <b>Syncro Si Addressable Extinguishant Status Unit c/w Manual Release</b><br>connects on addressable loop, loop powered,<br>Dual action manual extinguishing release control,<br>Status LEDs - Discharge Imminent, Extinguishant released, Manual Only &<br>Auto/Manual,<br>Remote Hold input,<br>Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D)                                                                    | £159.95 | £159.95 |
| <b>A91110M8</b> | <b>Syncro Si Addressable Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b><br>connects on addressable loop, loop powered,<br>Dual action manual extinguishing release control,<br>Auto/Manual two position keyswitch,<br>Status LEDs - Discharge Imminent, Extinguishant released, Manual Only &<br>Auto/Manual,<br>Remote Hold input,<br>Surface mount M8 enclosure 190mm (W) x 136mm (H) x 50mm (D) | £182.02 | £182.02 |
| <b>A91000W8</b> | <b>Syncro Si Addressable Weatherproof Extinguishant Status Unit</b><br>connects on addressable loop, loop powered,<br>Status LEDs - Discharge Imminent, Extinguishant released, Manual Only &<br>Auto/Manual,<br>Remote Hold input,<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D)                                                                                                                       | £165.47 | £165.47 |

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>A91100W8</b> | <b>Syncro Si Addressable Weatherproof Extinguishant Status Unit c/w Manual Release</b><br>connects on addressable loop, loop powered,<br>Dual action manual extinguishing release control,<br>Status LEDs - Discharge Imminent, Extinguishant released, Manual Only & Auto/Manual,<br>Remote Hold input,<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D)                                                                    | £198.56 | £198.56 |
| <b>A91110W8</b> | <b>Syncro Si Addressable Weatherproof Extinguishant Status Unit c/w Manual Release &amp; Mode Select keyswitch</b><br>connects on addressable loop, loop powered,<br>Dual action manual extinguishing release control,<br>Auto/Manual two position keyswitch,<br>Status LEDs - Discharge Imminent, Extinguishant released, Manual Only & Auto/Manual,<br>Remote Hold input,<br>Surface mount IP65 S8 enclosure<br>256mm (W) x 170mm (H) x 60mm (D) | £242.69 | £242.69 |

## Sigma/Syncro Extinguishing buttons/switches

*A range of control buttons compatible with Kentec extinguishing systems*

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| <b>K91000M10</b>  | <b>Sigma Si Extinguishant Hold unit - Green button</b><br>Pushbutton switch used to temporarily hold off the release of extinguishing gas<br>Single gang surface mount enclosure with green shrouded non-latching push button,<br>1 x Normally Open input and 1 x Normally Closed input, IP30<br>Surface mount M10 mild steel enclosure,<br>102mm (w) x 102mm (H) x 50mm (D)                                   | £73.94 | £73.94 |
| <b>KB91000M10</b> | <b>Sigma Si Extinguishant Hold unit - Red button</b><br>Pushbutton switch used to temporarily hold off the release of extinguishing gas<br>Single gang surface mount enclosure with green shrouded non-latching push button,<br>1 x Normally Open input and 1 x Normally Closed input,<br>Surface mount M10 mild steel enclosure, IP30<br>102mm (w) x 102mm (H) x 50mm (D)                                     | £73.94 | £73.94 |
| <b>K13470M10</b>  | <b>Extinguishing Abort Unit</b><br>Pushbutton switch used to abort the release of extinguishing gas<br>Single gang surface mount enclosure with red mushroom head latching push button - twist to release latching action.<br>Switch rating 2.5A 30V DC,<br>Surface mount M10 mild steel enclosure, IP30<br>102mm (w) x 102mm (H) x 50mm (D)<br><br>Note: Only compatible with Sigma XT+ extinguishing modules | £73.94 | £73.94 |

|                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                     |        |        |
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| <b>K13520M10</b>                                                                                                                      | <b>Extinguishant Extract Keyswitch Unit</b><br>2 position keyswitch used to manually operate an extract system,<br>Single gang surface mount enclosure with '901' keyswitch,<br>Contact rated 1A 30V DC<br>Surface mount M10 mild steel enclosure, IP30<br>102mm (w) x 102mm (H) x 50mm (D)                                                         | £90.55 | £90.55 |
| <b>K13480M10</b>                                                                                                                      | <b>Main/Reserve Duty Extinguishant Keyswitch Unit</b><br>2 Position keyswitch used to manually switch extinguishing to a reserve set of<br>extinguishing gas cylinders,<br>Single gang surface mount enclosure with '901' keyswitch,<br>Contact rated 1A 30V DC<br>Surface mount M10 mild steel enclosure, IP30<br>102mm (w) x 102mm (H) x 50mm (D) | £93.14 | £93.14 |
| <b>Installation accessories</b><br><i>A range of accessories to aid installation of Sigma and Syncro extinguishing control panels</i> |                                                                                                                                                                                                                                                                                                                                                     |        |        |
| <b>M2FCLGT</b>                                                                                                                        | <b>Semi-Flushing collar M2</b><br>Suitable for flush mounting M2, L2 and H2 type enclosures,<br>box size 385mm (W) x 310mm (H)                                                                                                                                                                                                                      | £53.58 | £53.58 |
| <b>M3FCLGT</b>                                                                                                                        | <b>Semi-Flushing collar M3</b><br>Suitable for flush mounting M3 and D3 type enclosures,<br>box size 385mm (W) x 520mm (H)                                                                                                                                                                                                                          | £80.37 | £80.37 |
| <b>M4FCLGT</b>                                                                                                                        | <b>Semi-Flushing collar M4</b><br>Suitable for flush mounting M4 type enclosures,<br>box size 385mm (W) x 700mm (H)                                                                                                                                                                                                                                 | £91.09 | £91.09 |

|                 |                                                                                                                                                                                                                                      |         |         |
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| <b>M8FCLGT</b>  | <b>Semi-Flushing collar M8 economy</b><br>Suitable for flush mounting M8 type enclosures,<br>box size 186mm (W) x 132mm (H)                                                                                                          | £21.43  | £21.43  |
| <b>M8FCSLGT</b> | <b>Semi-Flushing collar M8 standard</b><br>Suitable for flush mounting M8 type enclosures,<br>box size 186mm (W) x 132mm (H)                                                                                                         | £37.51  | £37.51  |
| <b>M10FCLGT</b> | <b>Semi-Flushing collar M10</b><br>Suitable for flush mounting M10 type enclosures,<br>box size 97mm (W) x 97mm (H)                                                                                                                  | £11.25  | £11.25  |
| <b>K18002</b>   | <b>Vision Window cover assembly (M2 size)</b><br>Provides additional security for control panels using M2 size enclosures,<br>Clear perspex window allows visibility of status indications but restricts access to<br>panel controls | £144.67 | £144.67 |
| <b>K14060</b>   | <b>LCMU Line Continuity Monitoring Unit</b><br>Active EOL device compatible with Sigma CP detection zones,<br>LCMU is required along with diode detection bases to provide BS5839 part 1<br>detector removal                         | £8.04   | £8.04   |

### Vizulinx Alarm Management gateway

*A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus*

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |           |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K85000M2</b> | <p><b>Vizulinx Gateway Unit</b><br/>Alarm management unit compatible with Kentec fire alarm panels,<br/>Provides the following features:</p> <ul style="list-style-type: none"><li>- Remote messaging of fire alarm system status via e-mail or text message</li><li>- Modbus connectivity to interface system to third party equipment such as BMS (See manual for modbus addressing)</li><li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provide status outputs,</li></ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/>Surface mount enclosure 385mm (W) x 310 (H) x 90 (D),<br/>Requires 240VAC supply input</p> | £1,564.55 | £1,564.55 |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K85000</b> | <b>Vizulinx Gateway Module (Unboxed)</b><br>Alarm management unit compatible with Kentec fire alarm panels,<br>Provides the following features:<br>- Remote messaging of fire alarm system status via e-mail or text message<br>- Modbus connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus addressing)<br>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,<br>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br>DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br>Operating voltage 9 - 30V DC | £1,398.45 | £1,398.45 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|

## Safe-Point EVCS

| Kentec Trade Price List |                                                                                                         |                |           |
|-------------------------|---------------------------------------------------------------------------------------------------------|----------------|-----------|
|                         |                                                                                                         | Enter Discount | 0%        |
| Part No                 | Product Description                                                                                     | List Price     | Net Price |
| Radial wired systems    |                                                                                                         |                |           |
| K41102SST               | Disabled Refuge - 2-line central unit with 2 x Toilet alarm indication, Radial Wired - Surface mounting | £1,117.16      | £1,117.16 |
| K41108FST               | Disabled Refuge - 8-line central unit with OLED display-Radial Wired - Flush mounting                   | £2,302.05      | £2,302.05 |
| K41108SST               | Disabled Refuge - 8-line central unit with OLED display-Radial Wired - Surface mounting                 | £2,258.42      | £2,258.42 |
| Loop wired systems      |                                                                                                         |                |           |
| K41208FST               | Disabled Refuge - 8-line central unit, with OLED display, Loop Wired - Flush mounting                   | £2,227.88      | £2,227.88 |
| K41216FST               | Disabled Refuge - 16-line central unit, with OLED display, Loop Wired - Flush mounting                  | £3,825.65      | £3,825.65 |
| K41232FST               | Disabled Refuge - 32-line central unit, with OLED display, Loop Wired - Flush mounting                  | £5,111.59      | £5,111.59 |
| K41208SST               | Disabled Refuge - 8-line central unit, with OLED display, Loop Wired - Surface mounting                 | £2,549.36      | £2,549.36 |

|                              |                                                                                                                           |           |           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K41216SST</b>             | Disabled Refuge - 16-line central unit, with OLED display, Loop Wired - Surface mounting                                  | £4,147.14 | £4,147.14 |
| <b>K41232SST</b>             | Disabled Refuge - 32-line central unit, with OLED display, Loop Wired - Surface mounting                                  | £5,433.07 | £5,433.07 |
| <b>Outstations</b>           |                                                                                                                           |           |           |
| <b>K41300NGR</b>             | Type B outstation, Green front panel, Braille, Photo-Luminescent lettering, Tactile text, Induction loop, hands free type | £301.33   | £301.33   |
| <b>K41300NST</b>             | Type B outstation, Stainless-steel, hands-free operation, Induction loop                                                  | £351.00   | £351.00   |
| <b>K41400SST</b>             | Type B Weather resistant outstation, Stainless-steel, hands-free operation. Including surface backbox. Loop wired         | £752.76   | £752.76   |
| <b>Outstation back boxes</b> |                                                                                                                           |           |           |
| <b>K41500FGA</b>             | Flush back box for K41300NST or K41300NGR Radial wired                                                                    | £152.77   | £152.77   |
| <b>K41500SGA</b>             | Surface back box for K41300NST or K41300NGR Radial wired                                                                  | £88.30    | £88.30    |
| <b>K41600FGA</b>             | Flush back box for K41300NST or K41300NGR Loop wired includes short circuit isolator                                      | £158.94   | £158.94   |
| <b>K41600SGA</b>             | Surface back box for K41300NST or K41300NGR Loop wired includes short circuit isolator                                    | £192.05   | £192.05   |

| Toilet Alarm kits |                                                                                                                              |         |         |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K41700FST</b>  | Disabled toilet alarm Kit. Power Supply/Overdoor indicator unit, reset plate & pull cord. Stainless Steel. Flush mounted.    | £215.23 | £215.23 |
| <b>K41700SWP</b>  | Disabled toilet alarm Kit. Power Supply/Overdoor indicator unit, reset plate & pull cord. White PVC Plastic. Surface mounted | £215.23 | £215.23 |

## Marine Approved Products

| Kentec Trade Price List                                                                                                                          |                                                                                           | Enter Discount | 0%        |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------|-----------|
| Part No                                                                                                                                          | Product Description                                                                       | List Price     | Net Price |
| <b>Syncro ASM Addressable panels</b><br><i>A range of Marine approved addressable control panels. Approvals MED 96/98/EC, CCS Marine, DNV-GL</i> |                                                                                           |                |           |
| <b>MA80161M2</b>                                                                                                                                 | Syncro ASM One Loop - Apollo                                                              | £818.52        | £818.52   |
| <b>MH80161M2</b>                                                                                                                                 | Syncro ASM One Loop - Hochiki                                                             | £818.52        | £818.52   |
| <b>MA80162M2</b>                                                                                                                                 | Syncro ASM Two Loop - Apollo                                                              | £1,169.32      | £1,169.32 |
| <b>MH80162M2</b>                                                                                                                                 | Syncro ASM Two Loop - Hochiki                                                             | £1,169.32      | £1,169.32 |
| <b>Syncro View Marine Repeater panels</b><br><i>A range of Marine approved addressable control panels. Approvals CCS Marine</i>                  |                                                                                           |                |           |
| <b>MK67000AM1</b>                                                                                                                                | Syncro View Marine Repeater without Keyswitch (24v Flat Plate Fascia, Space Saving Model) | £469.26        | £469.26   |
| <b>MK67000M1</b>                                                                                                                                 | Syncro View 'Marine', Local LCD Repeater Panel                                            | £445.40        | £445.40   |
| <b>MK67001M1</b>                                                                                                                                 | Syncro View 'Marine', Local LCD Repeater Panel With Enable Keyswitch                      | £469.26        | £469.26   |
| <b>MK67001AM1</b>                                                                                                                                | Syncro View Marine Repeater with Keyswitch (24v Flat Plate Fascia, Space Saving Model)    | £507.48        | £507.48   |

## Syncro Marine expansion boards

*A range of option cards used to expand the capabilities of the Syncro ASM Fire Control Panel*

|                |                                                           |         |         |
|----------------|-----------------------------------------------------------|---------|---------|
| <b>K545</b>    | 4 Way Conventional Zone Module                            | £270.27 | £270.27 |
| <b>K586A</b>   | Loop 2 additional Card - Apollo                           | £358.52 | £358.52 |
| <b>K586H</b>   | Loop 2 additional Card - Hochiki                          | £358.52 | £358.52 |
| <b>K555</b>    | Syncro Fault Tolerant Network Interface Card              | £303.36 | £303.36 |
| <b>S737</b>    | Voyager Data Recorder Interface PCB (NMEA 0183 Standard). | £717.03 | £717.03 |
| <b>M2FCLGT</b> | Semi Flushing Collar - 385W x 310H (M2) Cabinet           | £53.58  | £53.58  |
| <b>M1FCLGT</b> | Semi Flushing Collar (for 330W x 255H (M1) Cabinet)       | £42.86  | £42.86  |

## Marine Approved detection products

### Marine Approved Addressable devices - Hochiki

*A range of Hochiki protocol marine approved addressable detection devices*

|              |                                                     |         |         |
|--------------|-----------------------------------------------------|---------|---------|
| <b>Q1186</b> | Hochiki Marine Sensor Base                          | £3.50   | £3.50   |
| <b>Q1187</b> | Hochiki Marine Short Circuit Isolator Base          | £62.92  | £62.92  |
| <b>Q1188</b> | Hochiki Marine Addressable Indoor Call Point        | £53.45  | £53.45  |
| <b>Q1189</b> | Hochiki Marine Addressable Weather-proof Call Point | £186.85 | £186.85 |
| <b>Q1250</b> | Hochiki Marine Optical Smoke Sensor (Ivory Only)    | £46.53  | £46.53  |
| <b>Q1251</b> | Hochiki Marine Analogue Heat Sensor                 | £46.53  | £46.53  |
| <b>Q1252</b> | Hochiki Marine Analogue Multi Sensor                | £33.03  | £33.03  |
| <b>Q1253</b> | Marine I.S. Photoelectric Smoke Detector            | £74.04  | £74.04  |
| <b>Q1254</b> | Marine I.S Rate of Rise Heat Detector               | £154.83 | £154.83 |

|                                                                                                                                                 |                                                                             |         |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------|---------|
| <b>Q1255</b>                                                                                                                                    | Marine Mounting Base                                                        | £5.21   | £5.21   |
| <b>Q1257</b>                                                                                                                                    | Marine Single IR Flame Detector                                             | £276.16 | £276.16 |
| <b>Q1258</b>                                                                                                                                    | Handheld Sensor Address Programmer                                          | £185.54 | £185.54 |
| <b>Marine Approved Interface modules - Hochiki</b><br>A range Hochiki protocol marine approved interface modules                                |                                                                             |         |         |
| <b>Q1190</b>                                                                                                                                    | Hochiki Marine dual relay controller complete with short circuit isolator   | £77.08  | £77.08  |
| <b>Q1191</b>                                                                                                                                    | Hochiki Marine dual Input module complete with short circuit isolator       | £77.08  | £77.08  |
| <b>Q1192</b>                                                                                                                                    | Hochiki Marine dual sounder controller complete with short circuit isolator | £106.65 | £106.65 |
| <b>Q1193</b>                                                                                                                                    | Hochiki Marine single zone monitor complete with short circuit isolator     | £71.25  | £71.25  |
| <b>Marine Approved Addressable devices - Apollo</b><br>A range of Apollo protocol marine approved addressable detection devices and accessories |                                                                             |         |         |
| <b>Q1041</b>                                                                                                                                    | Apollo Discovery Marine Optical Smoke Detector                              | £179.49 | £179.49 |
| <b>Q1042</b>                                                                                                                                    | Apollo Discovery Marine Heat Detector                                       | £179.49 | £179.49 |
| <b>Q1049</b>                                                                                                                                    | Apollo Discovery Marine Multi-sensor Detector                               | £171.95 | £171.95 |
| <b>Q1075</b>                                                                                                                                    | Apollo Discovery Marine Ionisation Smoke Detector                           | £139.69 | £139.69 |
| <b>Q1050</b>                                                                                                                                    | Apollo Discovery Marine Manual Call Point                                   | £238.92 | £238.92 |
| <b>Q1082</b>                                                                                                                                    | Apollo Discovery Marine Manual Call Point with Isolator                     | £125.64 | £125.64 |
| <b>Q1177</b>                                                                                                                                    | Apollo Discovery Marine Waterproof Manual Call Point                        | £445.45 | £445.45 |
| <b>Q1142</b>                                                                                                                                    | Apollo Discovery Marine Waterproof Manual Call Point with Isolator          | £419.73 | £419.73 |

|                                                                                                                       |                                             |         |         |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------|---------|
| <b>Q1150</b>                                                                                                          | Reset Key For Apollo EN54 MCP               | £14.86  | £14.86  |
| <b>Q1052</b>                                                                                                          | Apollo Discovery Marine Mounting Base       | £9.10   | £9.10   |
| <b>Q1045</b>                                                                                                          | Apollo Discovery Marine Isolator Base       | £15.42  | £15.42  |
| <b>Q1085</b>                                                                                                          | Apollo Discovery Marine Sounder Beacon Base | £331.31 | £331.31 |
| <b>Q1097</b>                                                                                                          | Apollo Conduit Box                          | £6.71   | £6.71   |
| <b>Q1098</b>                                                                                                          | Apollo Backplate                            | £5.00   | £5.00   |
| <b>Q1073</b>                                                                                                          | Apollo Metal Deckhead Mounting Box (PG16)   | £91.52  | £91.52  |
| <b>Q1099</b>                                                                                                          | Apollo Metal Deckhead Mounting Box (M20)    | £91.52  | £91.52  |
| <b>Q1147</b>                                                                                                          | Apollo Deckhead Mounting Box                | £27.09  | £27.09  |
| <b>Q1148</b>                                                                                                          | Apollo Deckhead Mounting Box Accessory Kit  | £8.42   | £8.42   |
| <b>Marine Approved Interface modules - Apollo</b><br><i>A range Apollo protocol marine approved interface modules</i> |                                             |         |         |
| <b>Q1145</b>                                                                                                          | Apollo DIN Rail Marine Switch Monitor Plus  | £279.69 | £279.69 |
| <b>Q1146</b>                                                                                                          | Apollo DIN Rail Marine Zone Monitor         | £264.69 | £264.69 |

## Power Supplies and Accessories

| Kentec Trade Price List             |                                                                                                     | Enter Discount | 0%        |
|-------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|-----------|
| Part No                             | Product Description                                                                                 | List Price     | Net Price |
| PSU - Syncro styling, single output |                                                                                                     |                |           |
| K2525003                            | Power Supply (Boxed) To match Syncro Styling: 2.5 Amp PSU, Max 12 A/H Battery, Surface              | £381.19        | £381.19   |
| K2540003                            | Power Supply (Boxed) To match Syncro Styling: 5.25 Amp PSU, Max 12 A/H Battery, Surface             | £396.50        | £396.50   |
| K2540015                            | Power Supply (Boxed) To match Syncro Styling: 5.25 Amp PSU, Max 26 A/H Battery, Surface             | £417.93        | £417.93   |
| K2580003                            | Power Supply (Boxed) To match Syncro Styling: 10.25 Amp PSU, Max 17 A/H Battery, Surface            | £626.89        | £626.89   |
| K2580015                            | Power Supply (Boxed) To match Syncro Styling: 10.25 Amp PSU, Max 45 A/H Battery, Surface            | £680.47        | £680.47   |
| PSU - Syncro styling, Dual output   |                                                                                                     |                |           |
| KD2525003                           | Dual Power Output Supply (Boxed) To match Syncro Styling: 2.5 Amp PSU, Max 12 A/H Battery, Surface  | £425.62        | £425.62   |
| KD2540003                           | Dual Power Output Supply (Boxed) To match Syncro Styling: 5.25 Amp PSU, Max 12 A/H Battery, Surface | £450.08        | £450.08   |
| KD2540015                           | Dual Power Output Supply (Boxed) To match Syncro Styling: 5.25 Amp PSU, Max 26 A/H Battery, Surface | £471.51        | £471.51   |

|                                                 |                                                                                                          |         |         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------|---------|
| <b>KD2580003</b>                                | Dual Power Output Supply (Boxed) To match Syncro Styling: 10.25 Amp PSU, Max 17 A/H Battery, Surface     | £675.12 | £675.12 |
| <b>KD2580015</b>                                | Dual Power Output Supply (Boxed) To match Syncro Styling: 10.25 Amp PSU, Max 45 A/H Battery, Surface     | £728.70 | £728.70 |
| <b>PSU - Sigma CP/XT styling, Single output</b> |                                                                                                          |         |         |
| <b>K25250M2</b>                                 | Power Supply (Boxed) To match Sigma CP/XT Styling: 2.5 Amp PSU, Max 7 A/H Battery, Surface               | £333.68 | £333.68 |
| <b>K25250M3</b>                                 | Power Supply (Boxed) To match Sigma CP/XT Styling: 2.5A PSU, Max 12 A/H Battery, Surface                 | £396.50 | £396.50 |
| <b>K25400M3</b>                                 | Power Supply (Boxed) To match Sigma CP/XT Styling: 5.25A PSU, Max 17.2 A/H Battery, Surface              | £417.93 | £417.93 |
| <b>K25800M3</b>                                 | Power Supply (Boxed) To match Sigma CP/XT Styling 10.25 Amp PSU, Max 17 A/H Battery, Surface             | £739.41 | £739.41 |
| <b>K25800D3</b>                                 | Power Supply (Boxed) To match Sigma CP/XT Styling 10.25 Amp PSU, Max 45A/H Battery, Surface              | £760.84 | £760.84 |
| <b>PSU - Sigma CP/XT styling, Dual output</b>   |                                                                                                          |         |         |
| <b>KD25250M2</b>                                | Dual Power Output Supply (Boxed) To match Sigma CP/XT Styling: 2.5 Amp PSU, Max 7 A/H Battery, Surface   | £374.47 | £374.47 |
| <b>KD25250M3</b>                                | Dual Power Output Supply (Boxed) To match Sigma CP/XT Styling: 2.5A PSU, Max 12 A/H Battery, Surface     | £444.72 | £444.72 |
| <b>KD25400M3</b>                                | Dual Power Output Supply (Boxed) To match Sigma CP/XT Styling: 5.25A PSU, Max 17.2 A/H Battery, Surface  | £460.79 | £460.79 |
| <b>KD25800M3</b>                                | Dual Power Output Supply (Boxed) To match Sigma CP/XT Styling 10.25 Amp PSU, Max 17 A/H Battery, Surface | £787.63 | £787.63 |

|                                                   |                                                                                                         |         |         |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|---------|
| <b>KD25800D3</b>                                  | Dual Power Output Supply (Boxed) To match Sigma CP/XT Styling 10.25 Amp PSU, Max 45A/H Battery, Surface | £814.43 | £814.43 |
| <b>UL Approved 10.25A boxed power supply unit</b> |                                                                                                         |         |         |
| <b>K8140-10</b>                                   | 10.25Amp PSU standard cabinet - Red<br>Space for 18Ah batteries, 369mm x 481mm x 110mm                  | £680.47 | £680.47 |
| <b>K8140-40</b>                                   | 10.25Amp PSU standard cabinet - Grey<br>Space for 18Ah batteries, 369mm x 481mm x 110mm                 | £680.47 | £680.47 |
| <b>K8141-10</b>                                   | 10.25Amp PSU deep cabinet - Red<br>Space for 40Ah batteries, 369mm x 481mm x 199mm                      | £760.84 | £760.84 |
| <b>K8141-40</b>                                   | 10.25Amp PSU deep cabinet - Red<br>Space for 40Ah batteries, 369mm x 481mm x 199mm                      | £760.84 | £760.84 |
| <b>Battery Enclosures</b>                         |                                                                                                         |         |         |
| <b>K1620203</b>                                   | Battery Box To match Syncro Styling: Max 17 A/H Battery, Surface                                        | £144.67 | £144.67 |
| <b>K1619911</b>                                   | Battery Box To match Syncro Styling: Max 24 A/H Battery, Surface                                        | £171.46 | £171.46 |
| <b>K1630313</b>                                   | Battery Box To match Syncro Styling: Max 38 A/H Battery, Surface                                        | £214.32 | £214.32 |
| <b>K1610245</b>                                   | Battery Box To match Syncro Styling: Max 65 A/H Battery, Surface                                        | £242.05 | £242.05 |
| <b>K16100M2</b>                                   | Battery Box To match Sigma CP/XT & Syncro AS Styling: Max 7 A/H Battery, Surface                        | £101.80 | £101.80 |
| <b>K16100M3</b>                                   | Battery Box To match Sigma CP/XT & Syncro AS Styling: Max 17 A/H Battery, Surface                       | £144.67 | £144.67 |
| <b>K16100D3</b>                                   | Battery Box To match Sigma CP/XT & Syncro AS Styling: Max 38 A/H Battery, Surface                       | £160.74 | £160.74 |

| Semi-flushing collars |                                                                                            |         |         |
|-----------------------|--------------------------------------------------------------------------------------------|---------|---------|
| <b>M2FCLGT</b>        | Semi Flushing Collar 385W x 310H (M2) Cabinet                                              | £53.58  | £53.58  |
| <b>M3FCLGT</b>        | Semi Flushing Collar 385W x 520H (M3) Cabinet                                              | £80.37  | £80.37  |
| <b>M266LGT</b>        | Semi Flushing Collar 500W x 355H (O3) Cabinet                                              | £53.58  | £53.58  |
| <b>M272LGT</b>        | Semi Flushing Collar 500W x 460H (15) Cabinet                                              | £53.58  | £53.58  |
| Batteries             |                                                                                            |         |         |
| <b>K1700</b>          | Sealed Lead Acid Battery, 2.0 A/H Battery                                                  | £50.35  | £50.35  |
| <b>K1710</b>          | Sealed Lead Acid Battery, 2.8 A/H Battery                                                  | £65.19  | £65.19  |
| <b>K1715</b>          | Sealed Lead Acid Battery, 7 A/H Battery                                                    | £71.73  | £71.73  |
| <b>K1717</b>          | Sealed Lead Acid Battery, 9 A/H Battery (For extended duration instead of 7 A/H version)   | £117.44 | £117.44 |
| <b>K1720</b>          | Sealed Lead Acid Battery, 12 A/H Battery                                                   | £138.25 | £138.25 |
| <b>K1725</b>          | Sealed Lead Acid Battery, 18 A/H Battery                                                   | £213.36 | £213.36 |
| <b>K1735</b>          | Sealed Lead Acid Battery, 24 A/H Battery                                                   | £292.59 | £292.59 |
| <b>K1740</b>          | Sealed Lead Acid Battery 38 A/H battery                                                    | £393.86 | £393.86 |
| Spares                |                                                                                            |         |         |
| <b>K407</b>           | 2.5 Amp Charger Unit (Chassis Only)                                                        | £265.76 | £265.76 |
| <b>K406</b>           | 5.25 Amp Charger Unit (Chassis Only)                                                       | £265.90 | £265.90 |
| <b>K408</b>           | 10.25 Amp Charger Unit (Chassis Only)                                                      | £509.02 | £509.02 |
| <b>K738</b>           | Dual Power Output PCB retrofit Kit - RPSM2 (also provides a fault output from the charger) | £48.22  | £48.22  |

## Support Services

| Kentec Trade Price List                                                                   |                                                                                             | Enter Discount | 0%        |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|-----------|
| Part No                                                                                   | Product Description                                                                         | List Price     | Net Price |
| Training courses (classroom)                                                              |                                                                                             |                |           |
| TC-TAK   | Taktis training course per delegate (Available to Kentec Installation Partners only)        | £450.08        | £450.08   |
| TC-SYN                                                                                    | Syncro AS training course per delegate                                                      | £428.64        | £428.64   |
| TC-ECP                                                                                    | Extinguishing training course per delegate                                                  | £428.64        | £428.64   |
| TC-OCK                                                                                    | Ockular training course per delegate                                                        | £428.64        | £428.64   |
| TC-CCP                                                                                    | Conventional training course per delegate                                                   | £428.64        | £428.64   |
| TC-VIZ                                                                                    | Vizulinx training course per delegate                                                       | £428.64        | £428.64   |
| Online training courses by video conference                                               |                                                                                             |                |           |
| TCO-TAK  | Taktis online training course per delegate (Available to Kentec Installation Partners only) | £270.05        | £270.05   |
| TCO-SYN                                                                                   | Syncro AS online training course per delegate                                               | £257.19        | £257.19   |
| TCO-ECP                                                                                   | Extinguishing online training course per delegate                                           | £257.19        | £257.19   |
| TC-OCK                                                                                    | Ockular online training course per delegate                                                 | £257.19        | £257.19   |
| TC-CCP                                                                                    | Conventional online training course per delegate                                            | £257.19        | £257.19   |
| TC-VIZ                                                                                    | Vizulinx online training course per delegate                                                | £257.19        | £257.19   |
| Site Attendance                                                                           |                                                                                             |                |           |
| TC-SSA                                                                                    | Technical Support Site Attendance per day                                                   | £910.87        | £910.87   |

## Miscellaneous accessories

| Kentec Trade Price List                      |                                                              | Enter Discount | 0%        |
|----------------------------------------------|--------------------------------------------------------------|----------------|-----------|
| Part No                                      | Product Description                                          | List Price     | Net Price |
| <b>Conventional Sounder Controller Units</b> |                                                              |                |           |
| <b>K1740203</b>                              | Conventional Sounder Control Unit: 2-way c/w 5.25A PSU       | £465.75        | £465.75   |
| <b>K1740403</b>                              | Conventional Sounder Control Unit: 4-way c/w 5.25A PSU       | £450.08        | £450.08   |
| <b>K1740603</b>                              | Conventional Sounder Control Unit: 6-way c/w 5.25A PSU       | £541.16        | £541.16   |
| <b>Illuminated warning signs</b>             |                                                              |                |           |
| <b>Standard text</b>                         |                                                              |                |           |
| <b>K27102</b>                                | Fire Alarm Do Not Enter - Red on Black                       | £165.56        | £165.56   |
| <b>K27101</b>                                | Fire Alarm Evacuate Area - Red on Black                      | £165.56        | £165.56   |
| <b>K27202</b>                                | Extinguishant System Activated - Black on Yellow             | £165.56        | £165.56   |
| <b>Custom text</b>                           |                                                              |                |           |
| <b>X2710</b>                                 | Special - Text TBA - Red on Black                            | £202.00        | £202.00   |
| <b>X2720</b>                                 | Special - Text TBA - Black on Yellow                         | £202.00        | £202.00   |
| <b>X2730</b>                                 | Special - Text TBA - Black on Green                          | £202.00        | £202.00   |
| <b>Weatherproof - Standard text</b>          |                                                              |                |           |
| <b>WK27102</b>                               | Weatherproof version Fire Alarm Do Not Enter - Red on Black  | £322.30        | £322.30   |
| <b>WK27101</b>                               | Weatherproof version Fire Alarm Evacuate Area - Red on Black | £322.30        | £322.30   |

|                                   |                                                                                    |         |         |
|-----------------------------------|------------------------------------------------------------------------------------|---------|---------|
| <b>WK27202</b>                    | Weatherproof version Extinguishant System Activated - Black on Yellow              | £322.30 | £322.30 |
| <b>Weatherproof - Custom text</b> |                                                                                    |         |         |
| <b>WX2710</b>                     | Weatherproof version Special - Text TBA - Red on Black                             | £289.34 | £289.34 |
| <b>WX2720</b>                     | Weatherproof version Special - Text TBA - Black on Yellow                          | £289.34 | £289.34 |
| <b>WX2730</b>                     | Weatherproof version Special - Text TBA - Black on Green                           | £289.34 | £289.34 |
| <b>Spares</b>                     |                                                                                    |         |         |
| <b>M948LGT</b>                    | Bezel for Flushing Unit in Wall                                                    | £37.51  | £37.51  |
| <b>M945PRUK</b>                   | Replacement Printed Acrylic Piece Fire Alarm Do Not Enter - Red on Black           | £28.93  | £28.93  |
| <b>M945PRUK2</b>                  | Replacement Printed Acrylic Piece Fire Alarm Evacuate Area - Red on Black          | £28.93  | £28.93  |
| <b>M945PYUK</b>                   | Replacement Printed Acrylic Piece Extinguishant System Activated - Black on Yellow | £28.93  | £28.93  |
| <b>X2700</b>                      | Replacement Printed Acrylic Piece Special Designation specify text                 | £39.65  | £39.65  |
| <b>Document Enclosures</b>        |                                                                                    |         |         |
| <b>Sigma Doc Box</b>              |                                                                                    |         |         |
| <b>K16000L2</b>                   | Sigma Doc Box - Document Enclosure: Standard Version, Surface                      | £64.30  | £64.30  |
| <b>K16000M2</b>                   | Sigma Doc Box - Document Enclosure: Deep Version, Surface                          | £75.01  | £75.01  |
| <b>K16000H2</b>                   | Sigma Doc Box - Document Enclosure: Extra Deep Version, Surface                    | £88.41  | £88.41  |
| <b>KR16000L2</b>                  | Sigma Doc Box - Low Profile Surface Document Enclosure Box Red                     | £69.65  | £69.65  |
| <b>KR16000M2</b>                  | Sigma Doc Box - Standard Surface Document Enclosure Box Red                        | £80.37  | £80.37  |

|                                     |                                                                                   |         |         |
|-------------------------------------|-----------------------------------------------------------------------------------|---------|---------|
| <b>KR16000H2</b>                    | Sigma Doc Box - Extra Deep Surface Document Enclosure Box Red                     | £93.77  | £93.77  |
| <b>Indicator Units</b>              |                                                                                   |         |         |
| <b>Audio/Visual Indicator Units</b> |                                                                                   |         |         |
| <b>K24100-M10</b>                   | Audio Visual Unit - Red Indicator - Fire                                          | £69.65  | £69.65  |
| <b>K24110-M10</b>                   | Audio Visual Unit - Red Indicator - Fire and Silence Keyswitch                    | £84.12  | £84.12  |
| <b>K24200-M10</b>                   | Audio Visual Unit - Yellow Indicator - Plant Isolated only                        | £69.65  | £69.65  |
| <b>K24210-M10</b>                   | Audio Visual Unit - Yellow Indicator - Plant Isolated and Control Keyswitch       | £84.12  | £84.12  |
| <b>Remote Indicator Units</b>       |                                                                                   |         |         |
| <b>K24000</b>                       | Detector Remote Indicator Unit (Printed "Fire Alarm in Concealed Space") - Round  | £7.50   | £7.50   |
| <b>K24001</b>                       | Detector Remote Indicator Unit (Printed "Fire Alarm in Concealed Space") - Square | £7.50   | £7.50   |
| <b>M24000</b>                       | Remote Indicator Ceiling Clip (for round version)                                 | £3.21   | £3.21   |
| <b>Ancillary products</b>           |                                                                                   |         |         |
| <b>Relay units</b>                  |                                                                                   |         |         |
| <b>K142529</b>                      | Relay Unit Box Only c/w Din Rail: Small, Surface                                  | £53.58  | £53.58  |
| <b>K142631</b>                      | Relay Unit Box Only c/w Din Rail: Large, Surface                                  | £64.30  | £64.30  |
| <b>K375</b>                         | Relay Board, Single Way                                                           | £11.79  | £11.79  |
| <b>K376</b>                         | Relay Board, Four Way                                                             | £38.58  | £38.58  |
| <b>K143031</b>                      | Relay Unit, Four Way                                                              | £179.22 | £179.22 |
| <b>K1410129</b>                     | Relay Unit c/w 1 x 2 Pole c/o 10 Amp Relay: Surface                               | £58.94  | £58.94  |

|                              |                                                                 |         |         |
|------------------------------|-----------------------------------------------------------------|---------|---------|
| <b>K1415229</b>              | Relay Unit c/w 2 x 2 Pole c/o 10 Amp Relay: Surface             | £83.59  | £83.59  |
| <b>K1420329</b>              | Relay Unit c/w 3 x 2 Pole c/o 10 Amp Relay: Surface             | £113.52 | £113.52 |
| <b>Metalwork</b>             |                                                                 |         |         |
| <b>Semi-Flushing Collars</b> |                                                                 |         |         |
| <b>M10FCLGT</b>              | Semi Flushing Collar 97W x 97H (M10) Cabinet                    | £11.25  | £11.25  |
| <b>M8FCLGT</b>               | Semi Flushing Collar 186W x 132H (M8 Economy) Cabinet           | £21.43  | £21.43  |
| <b>M8FCSLGT</b>              | Semi Flushing Collar 186W x 132H (M8 Standard) Cabinet          | £37.51  | £37.51  |
| <b>M8FCSGY</b>               | Semi Flushing Collar 186W x 132H (M8 Grey) Cabinet              | £37.51  | £37.51  |
| <b>M948LGT</b>               | Semi Flushing Collar 300W x 195H Cabinet                        | £37.51  | £37.51  |
| <b>M1FCLGT</b>               | Semi Flushing Collar 330W x 255H (M1) Cabinet                   | £42.86  | £42.86  |
| <b>M2FCLGT</b>               | Semi Flushing Collar 385W x 310H (M2,L2,H2) Cabinet             | £53.58  | £53.58  |
| <b>M3FCLGT</b>               | Semi Flushing Collar 385W x 520H (M3,D3) Cabinet                | £80.37  | £80.37  |
| <b>M4FCLGT</b>               | Semi Flushing Collar 385W x 700H (M4) Cabinet                   | £91.09  | £91.09  |
| <b>M5FCLGT</b>               | Semi Flushing Collar 420W x 490H (M5 / Taktis 2-8 loop) Cabinet | £96.45  | £96.45  |
| <b>AM2FCRD</b>               | Semi Flushing Collar 368W x 310H (AM2 Red) Cabinet              | £53.58  | £53.58  |
| <b>AM2FCGY</b>               | Semi Flushing Collar 368W x 310H (AM2 Grey) Cabinet             | £53.58  | £53.58  |
| <b>M266LGT</b>               | Semi Flushing Collar 500W x 355H (03,11,13) Cabinet             | £53.58  | £53.58  |
| <b>M272LGT</b>               | Semi Flushing Collar 500W x 460H (15) Cabinet                   | £53.58  | £53.58  |
| <b>M925LGT</b>               | Semi Flushing Collar 500W x 650H (S4) Cabinet                   | £58.94  | £58.94  |
| <b>M267LGT</b>               | Semi Flushing Collar 570W x 420H (05) Cabinet                   | £53.58  | £53.58  |
| <b>M268LGT</b>               | Semi Flushing Collar 600W x 700H (07) Cabinet                   | £107.16 | £107.16 |

|                                        |                                                          |         |         |
|----------------------------------------|----------------------------------------------------------|---------|---------|
| <b>M269LGT</b>                         | Semi Flushing Collar 700W x 1000H (05) Cabinet           | £133.95 | £133.95 |
| <b>M1098LGT</b>                        | Semi Flushing Collar 240W x 175H (Taktis Vision) Cabinet | £37.26  | £37.26  |
| <b>Vision window assembly</b>          |                                                          |         |         |
| <b>K18002</b>                          | Vision window cover assembly (M2 size)                   | £144.67 | £144.67 |
| <b>K18003</b>                          | Vision window cover assembly (M3 size)                   | £203.07 | £203.07 |
| <b>K18004</b>                          | Vision window cover assembly (M4 size)                   | £251.83 | £251.83 |
| <b>Panel Back Boxes (without lids)</b> |                                                          |         |         |
| <b>M1LGT</b>                           | Plain painted back box - Surface 330Wx255Hx90D           | £53.58  | £53.58  |
| <b>M2LGT</b>                           | Plain painted back box - Surface 385W x 310H x 90D       | £53.58  | £53.58  |
| <b>L2LGT</b>                           | Plain painted back box - Surface 385W x 310H x 60D       | £50.90  | £50.90  |
| <b>F2LGT</b>                           | Plain painted back box - Flush 443W x 343H x 60D         | £53.58  | £53.58  |
| <b>M3LGT</b>                           | Plain painted back box - Surface 385W x 520H x 110D      | £96.45  | £96.45  |
| <b>D3LGT</b>                           | Plain painted back box - Surface 385W x 520H x 200D      | £115.20 | £115.20 |
| <b>M499LGT</b>                         | Plain painted back box - Flush 370W x 295H x 100D        | £65.90  | £65.90  |
| <b>M202LGT</b>                         | Plain painted back box - Surface 500Wx355Hx108D          | £96.45  | £96.45  |
| <b>M199LGT</b>                         | Plain painted back box - Surface 500Wx355Hx140D          | £117.88 | £117.88 |
| <b>M303LGT</b>                         | Plain painted back box - Surface 500Wx355Hx200D          | £139.31 | £139.31 |
| <b>M175LGT</b>                         | Plain painted back box - Surface 500W x 465H x 190D      | £117.88 | £117.88 |
| <b>M180LGT</b>                         | Plain painted back box - Surface 600Wx700Hx140D          | £150.03 | £150.03 |
| <b>M183LGT</b>                         | Plain painted back box - Flush 606W x 706H x 115D        | £171.46 | £171.46 |
| <b>M220LGT</b>                         | Plain painted back box - Surface 700Wx1000Hx145D         | £257.19 | £257.19 |

| Replacement Lids                          |                                                                      |         |         |
|-------------------------------------------|----------------------------------------------------------------------|---------|---------|
| <b>ML2LGT</b>                             | Plain painted Lid - Surface 385Wx310H Fits M2 Box                    | £51.44  | £51.44  |
| <b>FL2LGT</b>                             | Plain painted Lid - Flush 410Wx310H Fits M2 Box                      | £50.90  | £50.90  |
| <b>ML2ALGT</b>                            | Plain painted Lid - Surface 385Wx310H Fits M2 Box No Aperture        | £51.44  | £51.44  |
| <b>M695LGT</b>                            | Plain painted Lid - Surface 500Wx355H Fits Syncro Box                | £58.94  | £58.94  |
| <b>M695KLGT</b>                           | Plain painted Lid - Surface 500Wx355H Fits Syncro Box With Keyswitch | £58.94  | £58.94  |
| <b>M696LGT</b>                            | Plain painted Lid - Flush 500Wx355H Fits Syncro Box                  | £61.62  | £61.62  |
| <b>M696KLGT</b>                           | Plain painted Lid - Flush 500Wx355H Fits Syncro Box With Keyswitch   | £61.62  | £61.62  |
| Zone plans                                |                                                                      |         |         |
| Brushed Stainless Steel                   |                                                                      |         |         |
|                                           | Wall Mount Zonal Plan 385W x 310H (M2)                               | £466.15 | £466.15 |
|                                           | Wall Mount Zonal Plan 500W x 355H (03)                               | £616.18 | £616.18 |
| Acrylic Wall Mountable Printed Zonal Plan |                                                                      |         |         |
|                                           | Wall Mount Zonal Plan 385W x 310H (M2)                               | £428.64 | £428.64 |
|                                           | Wall Mount Zonal Plan 500W x 355H (03)                               | £578.67 | £578.67 |

## Spares

| Kentec Trade Price List                                                                        |                                                                             | Enter Discount | 0%        |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|-----------|
| Part No                                                                                        | Product Description                                                         | List Price     | Net Price |
| Taktis spares - please see Taktis Addressable Fire page ( <a href="#">click here to view</a> ) |                                                                             |                |           |
| Syncro AS spares                                                                               |                                                                             |                |           |
| K785LA                                                                                         | Syncro AS Lite Controller PCB - Apollo Protocol                             | £496.41        | £496.41   |
| K785LV                                                                                         | Syncro AS Lite Controller PCB - Argus Vega Protocol                         | £496.41        | £496.41   |
| K785LH                                                                                         | Syncro AS Lite Controller PCB - Hochiki Protocol                            | £496.41        | £496.41   |
| K785A                                                                                          | Syncro AS Controller PCB - Apollo Protocol                                  | £551.57        | £551.57   |
| K785V                                                                                          | Syncro AS Controller PCB - Argus Vega Protocol                              | £551.57        | £551.57   |
| K785H                                                                                          | Syncro AS Controller PCB - Hochiki Protocol                                 | £551.57        | £551.57   |
| K768AS                                                                                         | Thermal Printer Retrofit Kit - New Front-Loading Printer (Fits M3 box only) | £436.97        | £436.97   |
| K768P2                                                                                         | Printer Module in Enclosure (385W x 125H x 90D Cabinet)                     | £436.97        | £436.97   |
| KB3472                                                                                         | New Thermal Front-Loading Printer Roll (58mm wide roll) Pack of 20          | £136.55        | £136.55   |
| K579                                                                                           | Syncro View Repeater Board                                                  | £314.39        | £314.39   |
| Syncro spares                                                                                  |                                                                             |                |           |
| K552A                                                                                          | Loop Extension Card (Loops 3 & 4) - Apollo Protocol                         | £468.83        | £468.83   |
| K552V                                                                                          | Loop Extension Card (Loops 3 & 4) - Argus Vega Protocol                     | £468.83        | £468.83   |
| K552H                                                                                          | Loop Extension Card (Loops 3 & 4) - Hochiki Protocol                        | £468.83        | £468.83   |

|                 |                                                                             |         |         |
|-----------------|-----------------------------------------------------------------------------|---------|---------|
| <b>K555</b>     | Syncro Fault Tolerant Network Interface Card                                | £303.36 | £303.36 |
| <b>K548*</b>    | Main Display Processor Card: Syncro Lite, Apollo or Hochiki Protocol        | £874.15 | £874.15 |
| <b>K548V*</b>   | Main Display Processor Card: Syncro Lite, Argus Vega Protocol               | £874.15 | £874.15 |
| <b>K550ENA</b>  | Main Display Processor Card: Syncro, Apollo                                 | £794.25 | £794.25 |
| <b>K550ENH</b>  | Main Display Processor Card: Syncro, Hochiki Protocol                       | £794.25 | £794.25 |
| <b>K550ENV</b>  | Main Display Processor Card: Syncro, Argus Vega Protocol                    | £794.25 | £794.25 |
| <b>K551A</b>    | Syncro Loop Controller Board: Apollo Protocol                               | £496.41 | £496.41 |
| <b>K551V</b>    | Syncro Loop Controller Board: Argus Vega Protocol                           | £496.41 | £496.41 |
| <b>K551H</b>    | Syncro Loop Controller Board: Hochiki Protocol                              | £496.41 | £496.41 |
| <b>KB2869</b>   | Thermal Printer Paper Roll - 57mm (older printer Back Loading) (Pack of 20) | £125.63 | £125.63 |
| <b>KB3472</b>   | Thermal Printer Paper Roll - 58mm (New Front-Loading printer) (Pack of 20)  | £136.55 | £136.55 |
| <b>K406</b>     | 5.25 Amp Switched Mode Power Supply - EN54-4                                | £271.07 | £271.07 |
| <b>K768SYN</b>  | Thermal Printer Retrofit Kit                                                | £436.97 | £436.97 |
| <b>K560</b>     | Syncro I/O - 16 Channel I/O board                                           | £270.27 | £270.27 |
| <b>K547</b>     | Syncro I/O - 8 Way Relay Extender Board                                     | £270.27 | £270.27 |
| <b>K546</b>     | Syncro I/O - 6 Way Sounder Extender Board                                   | £270.27 | £270.27 |
| <b>K545</b>     | Syncro I/O - 4 Way Conventional Detection Zone Module                       | £270.27 | £270.27 |
| <b>K553-16*</b> | Zone LED's extender kit: 16 Zone Kit, c/w Laminate*                         | £119.54 | £119.54 |
| <b>K554-48*</b> | Zone LED's extender kit: 48 Zone Kit, c/w Laminate*                         | £142.94 | £142.94 |
| <b>K554-96*</b> | Zone LED's extender kit: 96 Zone Kit, c/w Laminate*                         | £190.58 | £190.58 |

## Sigma CP spares

|              |                                                                          |         |         |
|--------------|--------------------------------------------------------------------------|---------|---------|
| <b>K444C</b> | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 2 Zone (K11020M2) | £163.55 | £163.55 |
| <b>K445C</b> | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 4 Zone (K11040M2) | £199.89 | £199.89 |
| <b>K446C</b> | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 8 Zone (K11080M2) | £224.12 | £224.12 |
| <b>K447C</b> | Sigma CP Replacement Panel PCB, Two Wire Sigma CP: 2 Zone (T11020M2)     | £193.83 | £193.83 |
| <b>K448C</b> | Sigma CP Replacement Panel PCB, Two Wire Sigma CP: 4 Zone (T11040M2)     | £260.46 | £260.46 |
| <b>K449C</b> | Sigma CP Replacement Panel PCB, Two Wire Sigma CP: 8 Zone (T11080M2)     | £284.69 | £284.69 |
| <b>K762</b>  | Sigma CP-A Replacement Panel PCB, Two wire Sigma CP-A: 2 Zone            | £193.83 | £193.83 |
| <b>K763</b>  | Sigma CP-A Replacement Panel PCB, Two wire Sigma CP-A: 4 Zone            | £260.46 | £260.46 |
| <b>K764</b>  | Sigma CP-A Replacement Panel PCB, Two wire Sigma CP-A: 8 Zone            | £284.69 | £284.69 |
| <b>K581B</b> | Sigma CP-R Replacement Panel PCB, 24V version: 2 Zone (E01020L2)         | £134.11 | £134.11 |
| <b>K582B</b> | Sigma CP-R Replacement Panel PCB, 24V version: 4 Zone (E01040L2)         | £169.09 | £169.09 |
| <b>K583B</b> | Sigma CP-R Replacement Panel PCB, 24V version: 8 Zone (E01080L2)         | £192.42 | £192.42 |
| <b>K573B</b> | Sigma CP-R Replacement Panel PCB, 230V version: 2 Zone (K01020M2)        | £134.11 | £134.11 |
| <b>K574B</b> | Sigma CP-R Replacement Panel PCB, 230V version: 4 Zone (K01040M2)        | £169.09 | £169.09 |
| <b>K575B</b> | Sigma CP-R Replacement Panel PCB, 230V version: 8 Zone (K01080L2)        | £192.42 | £192.42 |

| Sigma XT/XT+ spares |                                                                                                                   |         |         |
|---------------------|-------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>K509</b>         | Sigma XT Extinguishant Control Panel PCB                                                                          | £397.13 | £397.13 |
| <b>K11509</b>       | Sigma XT Extinguishant Control PCB c/w plate (English language Only)                                              | £441.25 | £441.25 |
| <b>M530UK</b>       | Sigma XT ranges replacement yellow pull flap (English text)                                                       | £30.30  | £30.30  |
| <b>K588</b>         | Sigma XT Ancillary Card                                                                                           | £156.91 | £156.91 |
| <b>K597</b>         | Replacement Extinguishant PCB: Coincidence Unit Only                                                              | £402.64 | £402.64 |
| <b>K718</b>         | Replacement Extinguishant PCB: Extinguishant Panel area PCB                                                       | £347.49 | £347.49 |
| <b>K444C</b>        | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 2 Zone                                                     | £163.55 | £163.55 |
| <b>K445C</b>        | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 4 Zone                                                     | £199.89 | £199.89 |
| <b>K446C</b>        | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 8 Zone (1 and 2 Area panels)                               | £224.12 | £224.12 |
| <b>K719</b>         | Sigma CP Replacement Panel PCB, Conventional Sigma CP: 8 Zone (3 and 4 Area panels) 24v version from separate PSU | £215.74 | £215.74 |
| <b>K569</b>         | Sigma Si / ZSi Extinguishant Status Unit PCB                                                                      | £110.31 | £110.31 |
| Syncro XT+ spares   |                                                                                                                   |         |         |
| <b>K2056</b>        | Syncro XT+ Replacement Extinguishant Module PCB                                                                   | £397.13 | £397.13 |
| <b>KX785A</b>       | Syncro XT+ Controller PCB Apollo                                                                                  | £573.63 | £573.63 |
| <b>KX785H</b>       | Syncro XT+ Controller PCB Hochiki                                                                                 | £573.63 | £573.63 |
| <b>K701</b>         | Syncro XT+ Extinguishant Module with PCB and Plate                                                                | £474.35 | £474.35 |
| <b>K702</b>         | Syncro Si Extinguishant Status Board (replaces all versions)                                                      | £115.83 | £115.83 |

| Miscellaneous spares         |                                                                                                                |         |         |
|------------------------------|----------------------------------------------------------------------------------------------------------------|---------|---------|
| Power supplies               |                                                                                                                |         |         |
| <b>K406</b>                  | 5.25 Amp Charger Unit Chassis Only (EN-54)                                                                     | £271.07 | £271.07 |
| <b>K776</b>                  | 5.25 Amp Charger Unit without flying lead temperature probe                                                    | £276.42 | £276.42 |
| PCB's                        |                                                                                                                |         |         |
| <b>K461</b>                  | Sigma CP Sounder PCB: Stand Alone                                                                              | £164.92 | £164.92 |
| <b>S152</b>                  | 2 Way Sounder Extender Card                                                                                    | £103.78 | £103.78 |
| Miscellaneous Items - Spares |                                                                                                                |         |         |
| <b>S005</b>                  | Spare Key Set: Enable Switch Key (901) and 4 x Cabinet Locks (refs:801, FH001, CAT30 & KT3001)                 | £12.76  | £12.76  |
| <b>B1739</b>                 | Replacement Cabinet Lock - Small Panels - FH001 for 365W x 290H enclosures                                     | £12.32  | £12.32  |
| <b>B1695</b>                 | Replacement Cabinet Lock - Panels with product codes ending in: 03, 04, 05, 06, 07, 08, 09, 10, 11, 13, 14, 15 | £12.32  | £12.32  |
| <b>B3225</b>                 | Replacement Cabinet Lock - Panels with product codes ending in: M1, M2, L2, F2, M3, D3                         | £12.32  | £12.32  |
| <b>B2001</b>                 | Replacement Cabinet Lock - Vision Window Cover (K18002, K18003, K18004)                                        | £55.72  | £55.72  |
| <b>K14060</b>                | LCMU Line Continuity Monitoring Unit                                                                           | £8.04   | £8.04   |
| <b>B1828</b>                 | Replacement Enable Control Switch: 2 position                                                                  | £18.75  | £18.75  |
| <b>B1830</b>                 | Replacement Enable Control Switch: 3 position (old K3000 range)                                                | £18.75  | £18.75  |

|                                                               |                                                                                |         |         |
|---------------------------------------------------------------|--------------------------------------------------------------------------------|---------|---------|
| <b>B1829</b>                                                  | Replacement Auto/manual Switch                                                 | £18.75  | £18.75  |
| <b>KB2415</b>                                                 | Thermal Printer Paper Roll - 80mm (older printer Back Loading) (Pack of 20)    | £177.93 | £177.93 |
| <b>KB2869</b>                                                 | Thermal Printer Paper Roll - 57mm (older printer Back Loading)<br>(Pack of 20) | £123.24 | £123.24 |
| <b>KB3472</b>                                                 | Thermal Printer Paper Roll - 58mm (New Front-Loading printer)<br>(Pack of 20)  | £133.95 | £133.95 |
| <b>Legacy Spares</b>                                          |                                                                                |         |         |
| <b>K250S</b>                                                  | CON.05 - 4 Zone Controller PCB (K4.01 or K4.01+)                               | £292.28 | £292.28 |
| <b>K283</b>                                                   | K4.01 Extinguishant Release PCB                                                | £258.55 | £258.55 |
| <b>K334*</b>                                                  | K4.01+ Extinguishant Release PCB*                                              | £940.29 | £940.29 |
| <b>K335</b>                                                   | K4PB - Optional Relay Card (Can be fitted to any K4.01+ Control Panel)         | £202.35 | £202.35 |
| <b>S307B</b>                                                  | 750mA Charger Unit (10-way header)                                             | £95.11  | £95.11  |
| <b>K459*</b>                                                  | Syncro XT Extinguishant Section LED Display Card                               | £450.80 | £450.80 |
| <b>K549A*</b>                                                 | Syncro XT Loop Controller Board - Apollo Protocol only                         | £520.62 | £520.62 |
| <b>S548XT</b>                                                 | Syncro XT main display processor card                                          | £800.77 | £800.77 |
| <b>S548IP</b>                                                 | Inergen premier main display processor card                                    | £800.77 | £800.77 |
| <b>K559</b>                                                   | Multiple Input Output Unit (MIOU) - Module only                                | £362.51 | £362.51 |
| <b>* - End of life product, subject to stock availability</b> |                                                                                |         |         |

## End Of Life Products (limited availability)

| Kentec Trade Price List                                                           |                                                                                        |                    | Enter Discount | 0%        |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------|----------------|-----------|
| Part No                                                                           | Product Description                                                                    | Last time buy date | List Price     | Net Price |
| Guide Graphics - superseded by the Ockular product. Click links below for details |                                                                                        |                    |                |           |
| <b>G1001</b>                                                                      | Syncro Guide Graphics - 1 panel licence                                                | 01 October 2021    | N/A            | N/A       |
| <b>G1004</b>                                                                      | Syncro Guide Graphics - 4 panel licence (see <a href="#">OSEN2004</a> as alternative)  | 01 October 2021    | N/A            | N/A       |
| <b>G1008</b>                                                                      | Syncro Guide Graphics - 8 panel licence                                                | 01 October 2021    | N/A            | N/A       |
| <b>G1016</b>                                                                      | Syncro Guide Graphics - 16 panel licence (see <a href="#">OSEN2016</a> as alternative) | 01 October 2021    | N/A            | N/A       |
| <b>G1032</b>                                                                      | Syncro Guide Graphics - 32 panel licence                                               | 01 October 2021    | N/A            | N/A       |
| <b>G1064</b>                                                                      | Syncro Guide Graphics - 64 panel licence (see <a href="#">OSEN2064</a> as alternative) | 01 October 2021    | N/A            | N/A       |
| <b>GU10104</b>                                                                    | Syncro Guide licence upgrade - 1 panel to 4 panels                                     | 01 October 2021    | N/A            | N/A       |
| <b>GU10108</b>                                                                    | Syncro Guide licence upgrade - 1 panel to 8 panels                                     | 01 October 2021    | N/A            | N/A       |
| <b>GU10116</b>                                                                    | Syncro Guide licence upgrade - 1 panel to 16 panels                                    | 01 October 2021    | N/A            | N/A       |
| <b>GU10132</b>                                                                    | Syncro Guide licence upgrade - 1 panel to 32 panels                                    | 01 October 2021    | N/A            | N/A       |
| <b>GU10164</b>                                                                    | Syncro Guide licence upgrade - 1 panel to 64 panels                                    | 01 October 2021    | N/A            | N/A       |
| <b>GU10408</b>                                                                    | Syncro Guide licence upgrade - 4 panels to 8 panels                                    | 01 October 2021    | N/A            | N/A       |
| <b>GU10416</b>                                                                    | Syncro Guide licence upgrade - 4 panels to 16 panels                                   | 01 October 2021    | N/A            | N/A       |
| <b>GU10432</b>                                                                    | Syncro Guide licence upgrade - 4 panels to 32 panels                                   | 01 October 2021    | N/A            | N/A       |
| <b>GU10464</b>                                                                    | Syncro Guide licence upgrade - 4 panels to 64 panels                                   | 01 October 2021    | N/A            | N/A       |

|                               |                                                                      |                  |         |         |
|-------------------------------|----------------------------------------------------------------------|------------------|---------|---------|
| <b>GU10816</b>                | Syncro Guide licence upgrade - 8 panels to 16 panels                 | 01 October 2021  | N/A     | N/A     |
| <b>GU10832</b>                | Syncro Guide licence upgrade - 8 panels to 32 panels                 | 01 October 2021  | N/A     | N/A     |
| <b>GU10864</b>                | Syncro Guide licence upgrade - 8 panels to 64 panels                 | 01 October 2021  | N/A     | N/A     |
| <b>GU11632</b>                | Syncro Guide licence upgrade - 16 panels to 32 panels                | 01 October 2021  | N/A     | N/A     |
| <b>GU11664</b>                | Syncro Guide licence upgrade - 16 panels to 64 panels                | 01 October 2021  | N/A     | N/A     |
| <b>GU13264</b>                | Syncro Guide licence upgrade - 32 panels to 64 panels                | 01 October 2021  | N/A     | N/A     |
| <b>Legacy Spares</b>          |                                                                      |                  |         |         |
| <b>S261S</b>                  | K3000 Con05 Main Controller (16 zones and above)                     | 01 April 2022    | £254.93 | £254.93 |
| <b>S251S</b>                  | K4ZM 4 Zone Extender Board                                           | 01 April 2022    | £187.98 | £187.98 |
| <b>S252S</b>                  | K8ZM 8 Zone Extender Board                                           | 01 April 2022    | £225.35 | £225.35 |
| <b>K334</b>                   | K4.01+ Extinguishant Release PCB                                     | 01 April 2022    | £940.29 | £940.29 |
| <b>K256</b>                   | SB04 - 4 Way Plug-in Sounder Card Kit                                | 01 April 2022    | £161.79 | £161.79 |
| <b>K260</b>                   | SB04 - 2 Way Plug-in Sounder Card Kit                                | 01 April 2022    | £115.57 | £115.57 |
| <b>S175</b>                   | RPT-3, K3000 series 16+ zone repeater extension board                | 01 April 2022    | £74.72  | £74.72  |
| <b>S577</b>                   | SB-03 sounder board assembly                                         | 01 April 2022    | £137.19 | £137.19 |
| <b>Legacy Spares - Syncro</b> |                                                                      |                  |         |         |
| <b>K459</b>                   | Syncro XT Extinguishant Section LED Display Card                     | 31 December 2022 | £459.55 | £459.55 |
| <b>K548</b>                   | Main Display Processor Card: Syncro Lite, Apollo or Hochiki Protocol | 31 December 2022 | £874.15 | £874.15 |
| <b>K548V</b>                  | Main Display Processor Card: Syncro Lite, Argus Vega Protocol        | 31 December 2022 | £874.15 | £874.15 |
| <b>K549H</b>                  | Syncro Lite Loop Board - Hochiki protocol                            | 31 December 2022 | £530.73 | £530.73 |
| <b>K549A</b>                  | Syncro Lite / Syncro XT Loop Board - Apollo protocol                 | 31 December 2022 | £530.73 | £530.73 |

|                                       |                                                             |                  |           |           |
|---------------------------------------|-------------------------------------------------------------|------------------|-----------|-----------|
| <b>K549V</b>                          | Syncro Lite Loop Board - Argus Vega protocol                | 31 December 2022 | £530.73   | £530.73   |
| <b>K550</b>                           | Syncro Display Card (pre EN version)                        | 31 December 2022 | £874.15   | £874.15   |
| <b>K553-16</b>                        | Zone LED's extender kit: 16 Zone Kit, c/w Laminate          | 31 December 2022 | £119.54   | £119.54   |
| <b>K554-48</b>                        | Zone LED's extender kit: 48 Zone Kit, c/w Laminate          | 31 December 2022 | £142.93   | £142.93   |
| <b>K554-96</b>                        | Zone LED's extender kit: 96 Zone Kit, c/w Laminate          | 31 December 2022 | £190.58   | £190.58   |
| <b>K561</b>                           | Syncro Response Repeater Board                              | 31 December 2022 | £359.66   | £359.66   |
| <b>K567A</b>                          | Syncro Focus Repeater Board                                 | 31 December 2022 | £537.60   | £537.60   |
| <b>K704</b>                           | Syncro Matrix Common Equipment Board                        | 31 December 2022 | £310.93   | £310.93   |
| <b>S704A</b>                          | Syncro e-Matrix Common Equipment Board (UL)                 | 31 December 2022 | £310.93   | £310.93   |
| <b>S744</b>                           | Syncro Ident Common Equipment Board                         | 31 December 2022 | £310.93   | £310.93   |
| <b>S745</b>                           | Syncro Ident Extension Board                                | 31 December 2022 | £214.41   | £214.41   |
| <b>S790</b>                           | OpenConnect serial interface card                           | 31 December 2022 | £295.96   | £295.96   |
| <b>S790A</b>                          | OpenConnect serial interface card (UL)                      | 31 December 2022 | £295.96   | £295.96   |
| <b>Syncro I/O Enclosure</b>           |                                                             |                  |           |           |
| <b>K16750M2</b>                       | Syncro I/O Expansion Card Enclosure with 750mA power supply | 31 December 2022 | £363.62   | £363.62   |
| <b>Sigma A-CP with Dialler models</b> |                                                             |                  |           |           |
| <b>K1852-11</b>                       | Sigma A-CP 2 Zone Control Panel 240V c/w dialler - Red      | 01 October 2022  | £1,091.88 | £1,091.88 |
| <b>K1852-41</b>                       | Sigma A-CP 2 Zone Control Panel 240V c/w dialler - Grey     | 01 October 2022  | £1,091.88 | £1,091.88 |
| <b>K1854-11</b>                       | Sigma A-CP 4 Zone Control Panel 240V c/w dialler - Red      | 01 October 2022  | £1,129.71 | £1,129.71 |
| <b>K1854-41</b>                       | Sigma A-CP 4 Zone Control Panel 240V c/w dialler - Grey     | 01 October 2022  | £1,129.71 | £1,129.71 |
| <b>K1858-11</b>                       | Sigma A-CP 8 Zone Control Panel 240V c/w dialler- Red       | 01 October 2022  | £1,205.77 | £1,205.77 |
| <b>K1858-41</b>                       | Sigma A-CP 8 Zone Control Panel 240V c/w dialler- Grey      | 01 October 2022  | £1,205.77 | £1,205.77 |

|                 |                                                         |                 |           |           |
|-----------------|---------------------------------------------------------|-----------------|-----------|-----------|
| <b>K1852-10</b> | Sigma A-CP 2 Zone Control Panel 115V c/w dialler - Red  | 01 October 2022 | £1,091.88 | £1,091.88 |
| <b>K1852-40</b> | Sigma A-CP 2 Zone Control Panel 115V c/w dialler - Grey | 01 October 2022 | £1,091.88 | £1,091.88 |
| <b>K1854-10</b> | Sigma A-CP 4 Zone Control Panel 115V c/w dialler - Red  | 01 October 2022 | £1,129.71 | £1,129.71 |
| <b>K1854-40</b> | Sigma A-CP 4 Zone Control Panel 115V c/w dialler - Grey | 01 October 2022 | £1,129.71 | £1,129.71 |
| <b>K1858-10</b> | Sigma A-CP 8 Zone Control Panel 115V c/w dialler- Red   | 01 October 2022 | £1,205.77 | £1,205.77 |
| <b>K1858-40</b> | Sigma A-CP 8 Zone Control Panel 115V c/w dialler- Grey  | 01 October 2022 | £1,205.77 | £1,205.77 |
| <b>K1850-00</b> | Replacement Dialler                                     | 01 October 2022 | £232.73   | £232.73   |

## Analogue Addressable Fire Control Panels (UL)

### Kentec Trade Price List

|                         |           |
|-------------------------|-----------|
| <b>Taktis Discount</b>  | <b>0%</b> |
| <b>General Discount</b> | <b>0%</b> |

| <b>Part No</b>                                                                     | <b>Product Description</b>                                     | <b>List Price</b> | <b>Net Price</b> |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------|------------------|
| <b>Taktis UL 2-8 loops (UL/FM approved) - Hochiki protocol</b>                     |                                                                |                   |                  |
| <b>Taktis Hochiki - 5.25A 240V Power Supply, Standard Enclosure up to 8 Loops</b>  |                                                                |                   |                  |
| <b>TK102H1-10</b>                                                                  | 2 Loop, 0 zones, enable key, M5, 1 aperture (surface)          | £2,260.39         | £2,260.39        |
| <b>TK102H1-13</b>                                                                  | 2 Loop, 0 zones, enable key, printer, M5, 2 aperture (surface) | £2,782.83         | £2,782.83        |
| <b>TK102H1-14</b>                                                                  | 2 Loop. 48 zones, enable key, printer M5, 2 aperture (surface) | £2,920.50         | £2,920.50        |
| <b>Taktis Hochiki - 5.25A 240V Power Supply, Deep Enclosure up to 8 Loops</b>      |                                                                |                   |                  |
| <b>TK302H1-10</b>                                                                  | 2 Loop, 0 zones, enable key, D5, 1 aperture (surface)          | £2,309.81         | £2,309.81        |
| <b>TK302H1-13</b>                                                                  | 2 Loop, 0 zones, enable key, printer, D5, 2 aperture (surface) | £2,832.25         | £2,832.25        |
| <b>TK302H1-14</b>                                                                  | 2 Loop. 48 zones, enable key, printer D5, 2 aperture (surface) | £2,971.10         | £2,971.10        |
| <b>Taktis Hochiki - 10.25A 240V Power Supply, Standard Enclosure up to 8 Loops</b> |                                                                |                   |                  |
| <b>TK103H1-10</b>                                                                  | 2 Loop, 0 zones, enable key, M5, 1 aperture (surface)          | £2,635.75         | £2,635.75        |
| <b>TK103H1-13</b>                                                                  | 2 Loop, 0 zones, enable key, printer, M5, 2 aperture (surface) | £3,162.89         | £3,162.89        |
| <b>TK103H1-14</b>                                                                  | 2 Loop. 48 zones, enable key, printer M5, 2 aperture (surface) | £3,282.91         | £3,282.91        |
| <b>Taktis Hochiki - 10.25A 240V Power Supply, Deep Enclosure up to 8 Loops</b>     |                                                                |                   |                  |
| <b>TK303H1-10</b>                                                                  | 2 Loop, 0 zones, enable key, D5, 1 aperture (surface)          | £2,685.17         | £2,685.17        |
| <b>TK303H1-13</b>                                                                  | 2 Loop, 0 zones, enable key, printer, D5, 2 aperture (surface) | £3,213.49         | £3,213.49        |

|                                                                                   |                                                                |           |           |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------|-----------|-----------|
| <b>TK303H1-14</b>                                                                 | 2 Loop. 48 zones, enable key, printer D5, 2 aperture (surface) | £3,333.51 | £3,333.51 |
| <b>Taktis UL 2-16 loops (UL/FM approved) - Hochiki protocol</b>                   |                                                                |           |           |
| <b>Taktis Hochiki - 10.25A 240V Power Supply, Deep Enclosure up to 16 Loops</b>   |                                                                |           |           |
| <b>TK903H1-10</b>                                                                 | 2 Loop, 0 zones, enable key, D6, 1 aperture (surface)          | £2,741.20 | £2,741.20 |
| <b>TK903H1-13</b>                                                                 | 2 Loop, 0 zones, enable key, printer, D6, 2 aperture (surface) | £3,270.40 | £3,270.40 |
| <b>TK903H1-14</b>                                                                 | 2 Loop. 48 zones, enable key, printer D6, 2 aperture (surface) | £3,388.56 | £3,388.56 |
| <b>Taktis UL 2-8 loops (UL/FM approved) - Apollo protocol</b>                     |                                                                |           |           |
| <b>Taktis Apollo - 5.25A 240V Power Supply, Standard Enclosure up to 8 loops</b>  |                                                                |           |           |
| <b>TK102A1-10</b>                                                                 | 2 Loop, 0 zones, enable key, M5, 1 aperture (surface)          | £2,260.39 | £2,260.39 |
| <b>TK102A1-13</b>                                                                 | 2 Loop, 0 zones, enable key, printer, M5, 2 aperture (surface) | £2,782.83 | £2,782.83 |
| <b>TK102A1-14</b>                                                                 | 2 Loop. 48 zones, enable key, printer M5, 2 aperture (surface) | £2,920.50 | £2,920.50 |
| <b>Taktis Apollo - 5.25A 240V Power Supply, Deep Enclosure up to 8 loops</b>      |                                                                |           |           |
| <b>TK302A1-10</b>                                                                 | 2 Loop, 0 zones, enable key, D5, 1 aperture (surface)          | £2,309.81 | £2,309.81 |
| <b>TK302A1-13</b>                                                                 | 2 Loop, 0 zones, enable key, printer, D5, 2 aperture (surface) | £2,832.25 | £2,832.25 |
| <b>TK302A1-14</b>                                                                 | 2 Loop. 48 zones, enable key, printer D5, 2 aperture (surface) | £2,971.10 | £2,971.10 |
| <b>Taktis Apollo - 10.25A 240V Power Supply, Standard Enclosure up to 8 loops</b> |                                                                |           |           |
| <b>TK103A1-10</b>                                                                 | 2 Loop, 0 zones, enable key, M5, 1 aperture (surface)          | £2,635.75 | £2,635.75 |
| <b>TK103A1-13</b>                                                                 | 2 Loop, 0 zones, enable key, printer, M5, 2 aperture (surface) | £3,162.89 | £3,162.89 |
| <b>TK103A1-14</b>                                                                 | 2 Loop. 48 zones, enable key, printer M5, 2 aperture (surface) | £3,282.91 | £3,282.91 |

|                                                                                |                                                                |           |           |
|--------------------------------------------------------------------------------|----------------------------------------------------------------|-----------|-----------|
| <b>Taktis Apollo - 10.25A 240V Power Supply, Deep Enclosure up to 8 loops</b>  |                                                                |           |           |
| <b>TK303A1-10</b>                                                              | 2 Loop, 0 zones, enable key, D5, 1 aperture (surface)          | £2,685.17 | £2,685.17 |
| <b>TK303A1-13</b>                                                              | 2 Loop, 0 zones, enable key, printer, D5, 2 aperture (surface) | £3,213.49 | £3,213.49 |
| <b>TK303A1-14</b>                                                              | 2 Loop. 48 zones, enable key, printer D5, 2 aperture (surface) | £3,333.51 | £3,333.51 |
| <b>Taktis UL 2-16 loops (UL/FM approved) - Apollo protocol</b>                 |                                                                |           |           |
| <b>Taktis Apollo - 10.25A 240V Power Supply, Deep Enclosure up to 16 loops</b> |                                                                |           |           |
| <b>TK903A1-10</b>                                                              | 2 Loop, 0 zones, enable key, D6, 1 aperture (surface)          | £2,741.20 | £2,741.20 |
| <b>TK903A1-13</b>                                                              | 2 Loop, 0 zones, enable key, printer, D6, 2 aperture (surface) | £3,270.40 | £3,270.40 |
| <b>TK903A1-14</b>                                                              | 2 Loop. 48 zones, enable key, printer D6, 2 aperture (surface) | £3,388.56 | £3,388.56 |
| <b>Taktis UL Accessories</b>                                                   |                                                                |           |           |
| <b>Please contact us</b>                                                       | Taktis UL Demo Case                                            | £7,823.69 | £7,823.69 |
| <b>TRC00NC-10</b>                                                              | Taktis UL Vision Network Repeater - surface - Red              | £995.46   | £995.46   |
| <b>TRC00NC-40</b>                                                              | Taktis UL Vision Network Repeater - surface - Gray             | £995.46   | £995.46   |
| <b>S723-KE</b>                                                                 | Taktis UL network module (Ethernet and IFAM)                   | £303.36   | £303.36   |
| <b>S758-KE</b>                                                                 | Taktis UL 2 loop card                                          | £455.03   | £455.03   |
| <b>S772-KE</b>                                                                 | Taktis UL 16 channel I/O panel module                          | £269.76   | £269.76   |
| <b>S791-KE</b>                                                                 | Taktis UL 8-way relay panel module                             | £271.37   | £271.37   |
| <b>S792-KE</b>                                                                 | Taktis UL 8 channel conventional zone panel module             | £273.08   | £273.08   |
| <b>S793-KE</b>                                                                 | Taktis UL 4 channel NAC panel module                           | £283.68   | £283.68   |
| <b>S788-KE</b>                                                                 | Taktis UL Media Gateway module                                 | £606.72   | £606.72   |

|                                                                                                                      |                                                                           |           |           |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------|-----------|
| <b>S787-KE</b>                                                                                                       | Taktis UL Vision Network Annunciator module                               | £769.98   | £769.98   |
| <b>S721-KEH</b>                                                                                                      | Taktis UL Front panel board (Hochiki)                                     | £853.09   | £853.09   |
| <b>S722-UL</b>                                                                                                       | FACP UL Back board                                                        | £256.72   | £256.72   |
| <b>S786-UL</b>                                                                                                       | FACP UL Extension board                                                   | £196.64   | £196.64   |
| <b>S768-UL</b>                                                                                                       | FACP UL Printer                                                           | £529.82   | £529.82   |
| <b>S771-UL</b>                                                                                                       | FACP UL Zone LED module                                                   | £108.15   | £108.15   |
| <b>S769-UL</b>                                                                                                       | FACP UL System A board                                                    | £257.84   | £257.84   |
| <b>S770-UL</b>                                                                                                       | FACP UL System B board                                                    | £229.19   | £229.19   |
| <b>KM5FCRD</b>                                                                                                       | Taktis UL (4 slot) flushing collar                                        | £121.09   | £121.09   |
| <b>KM5FCGY</b>                                                                                                       | Taktis UL (4 slot) flushing collar                                        | £121.09   | £121.09   |
| <b>KM1098RD</b>                                                                                                      | Taktis UL Vision Repeater flushing collar kit - red                       | £43.94    | £43.94    |
| <b>KM1098GY</b>                                                                                                      | Taktis UL Vision Repeater flushing collar kit - grey (BS 00A05 Semi matt) | £43.94    | £43.94    |
| <b>KB3472</b>                                                                                                        | Thermal Printer Paper Roll (Pack of 20) - 58mm Wide                       | £133.95   | £133.95   |
|                                                                                                                      |                                                                           |           |           |
| <b>Elite RS Fire Alarm control panels - 120V by default. Set to 240V by removing jumper J1 before applying power</b> |                                                                           |           |           |
| <b>Elite RS - 1 Loop Control Panel (UL/FM Approved)</b>                                                              |                                                                           |           |           |
| <b>K0850-10</b>                                                                                                      | Elite RS 1 Loop Analogue Control Panel - Apollo - Red                     | £1,064.52 | £1,064.52 |
| <b>K0850-40</b>                                                                                                      | Elite RS 1 Loop Analogue Control Panel - Apollo - Grey                    | £1,064.52 | £1,064.52 |
| <b>K0810-10</b>                                                                                                      | Elite RS 1 Loop Analogue Control Panel - Hochiki - Red                    | £1,064.52 | £1,064.52 |
| <b>K0810-40</b>                                                                                                      | Elite RS 1 Loop Analogue Control Panel - Hochiki - Grey                   | £1,064.52 | £1,064.52 |
| <b>K0816-10</b>                                                                                                      | Elite RS 1 Loop Analogue Control Panel - Hochiki - Red - C/W DACT         | £2,205.00 | £2,205.00 |

|                                                         |                                                                   |           |           |
|---------------------------------------------------------|-------------------------------------------------------------------|-----------|-----------|
| <b>K0856-10</b>                                         | Elite RS 1 Loop Analogue Control Panel - Apollo - Red - C/W DACT  | £2,205.00 | £2,205.00 |
| <b>Elite RS - 2 Loop Control Panel (UL/FM Approved)</b> |                                                                   |           |           |
| <b>K0860-10</b>                                         | Elite RS 2 Loop Analogue Control Panel - Apollo - Red             | £1,516.80 | £1,516.80 |
| <b>K0860-40</b>                                         | Elite RS 2 Loop Analogue Control Panel - Apollo - Grey            | £1,516.80 | £1,516.80 |
| <b>K0820-10</b>                                         | Elite RS 2 Loop Analogue Control Panel - Hochiki - Red            | £1,516.80 | £1,516.80 |
| <b>K0820-40</b>                                         | Elite RS 2 Loop Analogue Control Panel - Hochiki - Grey           | £1,516.80 | £1,516.80 |
| <b>K0826-10</b>                                         | Elite RS 2 Loop Analogue Control Panel - Hochiki - Red - C/W DACT | £2,656.50 | £2,656.50 |
| <b>K0866-10</b>                                         | Elite RS 2 Loop Analogue Control Panel - Apollo - Red - C/W DACT  | £2,656.50 | £2,656.50 |
| <b>Elite RS Accessories</b>                             |                                                                   |           |           |
| <b>K1071-10</b>                                         | Semi Flushing Collar - Red                                        | £91.09    | £91.09    |
| <b>K1071-40</b>                                         | Semi Flushing Collar - Grey                                       | £91.09    | £91.09    |
| <b>K1054-00</b>                                         | 1 Loop Expansion Card                                             | £558.18   | £558.18   |
| <b>K1171-00</b>                                         | 16 Channel RS485 Serial I/O Interface Card                        | £303.36   | £303.36   |
| <b>K1170-00</b>                                         | eNET Communications Interface Card                                | £347.49   | £347.49   |
| <b>eView Repeater Panels (UL/FM Approved)</b>           |                                                                   |           |           |
| <b>K1172-10</b>                                         | eView Analogue Addressable Repeater Panel - Red                   | £529.50   | £529.50   |
| <b>K1172-40</b>                                         | eView Analogue Addressable Repeater Panel - Grey                  | £529.50   | £529.50   |
| <b>eView Accessories</b>                                |                                                                   |           |           |
| <b>K1173-10</b>                                         | Semi Flushing Collar - Red                                        | £69.65    | £69.65    |
| <b>K1173-40</b>                                         | Semi Flushing Collar - Grey                                       | £69.65    | £69.65    |

| <b>eMatrix Mimic Panel (UL/FM Approved)</b>               |                                                                                                                   |           |           |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>VF1301-200</b>                                         | Addressable eMatrix - AM2 Size (369Wx310Hx90D) with 40 Red LED's: Surface - without power supply - Grey Enclosure | £1,204.88 | £1,204.88 |
| <b>VF1304-200</b>                                         | Addressable eMatrix - AM2 Size (369Wx310Hx90D) with 40 Red LED's: Surface - without power supply - Red Enclosure  | £1,204.88 | £1,204.88 |
| <b>VF1321-400</b>                                         | Addressable eMatrix - AM3 Size (369Wx480Hx110D) with 72 Red LED's: Surface - with power supply - Grey Enclosure   | £1,863.54 | £1,863.54 |
| <b>VF1324-400</b>                                         | Addressable eMatrix - AM3 Size (369Wx480Hx110D) with 72 Red LED's: Surface - with power supply - Red Enclosure    | £1,863.54 | £1,863.54 |
| <b>VF1331-500</b>                                         | Addressable eMatrix - AM4 Size (369Wx610Hx127D) with 88 Red LED's: Surface - with power supply - Grey Enclosure   | £2,259.81 | £2,259.81 |
| <b>VF1334-500</b>                                         | Addressable eMatrix - AM4 Size (369Wx610Hx127D) with 88 Red LED's: Surface - with power supply - Red Enclosure    | £2,259.81 | £2,259.81 |
| For other variations, please contact the sales department |                                                                                                                   |           |           |
| <b>eMatrix Accessories</b>                                |                                                                                                                   |           |           |
| <b>VF1350-10</b>                                          | 16 LED extension PCB - Red                                                                                        | £275.78   | £275.78   |
| <b>VF1350-50</b>                                          | 16 LED extension PCB - Yellow                                                                                     | £275.78   | £275.78   |
| <b>VF1350-70</b>                                          | 16 LED extension PCB - Green                                                                                      | £275.78   | £275.78   |
| <b>VF1351-00</b>                                          | Fibre Optic cable with light pipe - extension kit (Kit of 5)                                                      | £42.86    | £42.86    |
| <b>VF1352-00</b>                                          | Fibre Optic cable with light pipe - extension kit (Kit of 10)                                                     | £85.73    | £85.73    |
| <b>VF1353-00</b>                                          | Fibre Optic Cutting Tool                                                                                          | £38.58    | £38.58    |

### Vizulinx Alarm Management gateway

*A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus*

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |           |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K85110AM3</b> | <p><b>Vizulinx Gateway Unit - 110V AC supply</b></p> <p>Alarm management unit compatible with Kentec fire alarm panels,<br/>Provides the following features:</p> <ul style="list-style-type: none"><li>- Remote messaging of fire alarm system status via e-mail or text message</li><li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)</li><li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,</li></ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/>Surface mount Red enclosure 369mm (W) x 480mm (H) x 110mm (D)<br/>Requires <b>110VAC</b> supply input</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,760.66 | £1,760.66 |
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                  |
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| <p><b>K85240AM3</b></p> | <p><b>Vizulinx Gateway Unit - 240V AC supply</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:<br/> - Remote messaging of fire alarm system status via e-mail or text message<br/> - Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)<br/> - 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,<br/> Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> Surface mount Red enclosure 369mm (W) x 480mm (H) x 110mm (D)<br/> Requires <b>240VAC</b> supply input</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | <p>£1,760.66</p> | <p>£1,760.66</p> |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K85000</b>    | <p><b>Vizulinx Gateway Module (Unboxed)</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:</p> <ul style="list-style-type: none"> <li>- Remote messaging of fire alarm system status via e-mail or text message</li> <li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)</li> <li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,</li> </ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br/> Operating voltage 9 - 30V DC</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,398.45 | £1,398.45 |
| <b>K85001BLU</b> | <p><b>BMS license upgrade</b><br/> License code for the Vizulinx product Modbus facility.<br/> Each license upgrade expands the available modbus addresses for loop devices within Vizulinx by 1000 modbus addresses per license</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | £321.48   | £321.48   |
| <b>K85001BAC</b> | <p><b>BACNet license upgrade</b><br/> License code for the Vizulinx product BACnet facility.<br/> Each license upgrade adds 500 BACnet object IDs</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | £353.63   | £353.63   |

## Conventional Fire Control Panels (UL)

| Kentec Trade Price List                                    |                                                         | Enter Discount | 0%        |
|------------------------------------------------------------|---------------------------------------------------------|----------------|-----------|
| Part No                                                    | Product Description                                     | List Price     | Net Price |
| <b>Sigma A-CP Conventional Control Panel (UL Approved)</b> |                                                         |                |           |
| K1842-11                                                   | Sigma A-CP 2 Zone Control Panel 240V - Red              | £354.65        | £354.65   |
| K1842-41                                                   | Sigma A-CP 2 Zone Control Panel 240V - Grey             | £354.65        | £354.65   |
| K1852-11*                                                  | Sigma A-CP 2 Zone Control Panel 240V c/w dialler - Red  | £1,091.88      | £1,091.88 |
| K1852-41*                                                  | Sigma A-CP 2 Zone Control Panel 240V c/w dialler - Grey | £1,091.88      | £1,091.88 |
| K1844-11                                                   | Sigma A-CP 4 Zone Control Panel 240V - Red              | £405.15        | £405.15   |
| K1844-41                                                   | Sigma A-CP 4 Zone Control Panel 240V - Grey             | £405.15        | £405.15   |
| K1854-11*                                                  | Sigma A-CP 4 Zone Control Panel 240V c/w dialler - Red  | £1,129.71      | £1,129.71 |
| K1854-41*                                                  | Sigma A-CP 4 Zone Control Panel 240V c/w dialler - Grey | £1,129.71      | £1,129.71 |
| K1848-11                                                   | Sigma A-CP 8 Zone Control Panel 240V - Red              | £438.45        | £438.45   |
| K1848-41                                                   | Sigma A-CP 8 Zone Control Panel 240V - Grey             | £438.45        | £438.45   |
| K1858-11*                                                  | Sigma A-CP 8 Zone Control Panel 240V c/w dialler- Red   | £1,205.77      | £1,205.77 |
| K1858-41*                                                  | Sigma A-CP 8 Zone Control Panel 240V c/w dialler- Grey  | £1,205.77      | £1,205.77 |
| K1842-10                                                   | Sigma A-CP 2 Zone Control Panel 115V - Red              | £354.65        | £354.65   |
| K1842-40                                                   | Sigma A-CP 2 Zone Control Panel 115V - Grey             | £354.65        | £354.65   |
| K1852-10*                                                  | Sigma A-CP 2 Zone Control Panel 115V c/w dialler - Red  | £1,091.88      | £1,091.88 |
| K1852-40*                                                  | Sigma A-CP 2 Zone Control Panel 115V c/w dialler - Grey | £1,091.88      | £1,091.88 |

|                                                                |                                                         |           |           |
|----------------------------------------------------------------|---------------------------------------------------------|-----------|-----------|
| <b>K1844-10</b>                                                | Sigma A-CP 4 Zone Control Panel 115V - Red              | £405.15   | £405.15   |
| <b>K1844-40</b>                                                | Sigma A-CP 4 Zone Control Panel 115V - Grey             | £405.15   | £405.15   |
| <b>K1854-10*</b>                                               | Sigma A-CP 4 Zone Control Panel 115V c/w dialler - Red  | £1,129.71 | £1,129.71 |
| <b>K1854-40*</b>                                               | Sigma A-CP 4 Zone Control Panel 115V c/w dialler - Grey | £1,129.71 | £1,129.71 |
| <b>K1848-10</b>                                                | Sigma A-CP 8 Zone Control Panel 115V - Red              | £438.45   | £438.45   |
| <b>K1848-40</b>                                                | Sigma A-CP 8 Zone Control Panel 115V - Grey             | £438.45   | £438.45   |
| <b>K1858-10*</b>                                               | Sigma A-CP 8 Zone Control Panel 115V c/w dialler- Red   | £1,205.77 | £1,205.77 |
| <b>K1858-40*</b>                                               | Sigma A-CP 8 Zone Control Panel 115V c/w dialler- Grey  | £1,205.77 | £1,205.77 |
| <b>Sigma A-CP accessories</b>                                  |                                                         |           |           |
| <b>AM2FCRD</b>                                                 | Semi Flushing Collar - Red                              | £53.58    | £53.58    |
| <b>AM2FCGY</b>                                                 | Semi Flushing Collar - Grey                             | £53.58    | £53.58    |
| <b>K580</b>                                                    | Sigma A-CP Ancillary PCB                                | £164.92   | £164.92   |
| <b>K02000AM2</b>                                               | Boxed Sigma A-CP Ancillary PCB                          | £220.63   | £220.63   |
| <b>Sigma A-CP spares</b>                                       |                                                         |           |           |
| <b>K1842-00</b>                                                | Replacement Panel PCB - 2 Zones                         | £300.50   | £300.50   |
| <b>K1844-00</b>                                                | Replacement Panel PCB - 4 Zones                         | £327.26   | £327.26   |
| <b>K1848-00</b>                                                | Replacement Panel PCB - 8 Zones                         | £373.29   | £373.29   |
| <b>K1850-00*</b>                                               | Replacement Dialler                                     | £232.73   | £232.73   |
| <b>Sigma A-CP Conventional Annunciator Panel (UL Approved)</b> |                                                         |           |           |
| <b>K1885-18</b>                                                | Sigma A-CP Conventional Annunciator Panel - Red         | £126.86   | £126.86   |
| <b>K1885-48</b>                                                | Sigma A-CP Conventional Annunciator Panel - Grey        | £126.86   | £126.86   |
| <b>Sigma A-CP Annunciator spares</b>                           |                                                         |           |           |
| <b>K1820-10</b>                                                | Semi Flushing Collar - Red                              | £36.43    | £36.43    |
| <b>K1820-40</b>                                                | Semi Flushing Collar - Grey                             | £36.43    | £36.43    |

### **Vizulinx Alarm Management gateway**

*A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus*

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |           |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K85110AM3</b> | <p><b>Vizulinx Gateway Unit - 110V AC supply</b><br/>Alarm management unit compatible with Kentec fire alarm panels,<br/>Provides the following features:</p> <ul style="list-style-type: none"><li>- Remote messaging of fire alarm system status via e-mail or text message</li><li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,</li></ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/>Surface mount Red enclosure 369mm (W) x 480mm (H) x 110mm (D)<br/>Requires <b>110VAC</b> supply input</p> | £1,760.66 | £1,760.66 |
| <b>K85240AM3</b> | <p><b>Vizulinx Gateway Unit - 240V AC supply</b><br/>Alarm management unit compatible with Kentec fire alarm panels,<br/>Provides the following features:</p> <ul style="list-style-type: none"><li>- Remote messaging of fire alarm system status via e-mail or text message</li><li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,</li></ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/>Surface mount Red enclosure 369mm (W) x 480mm (H) x 110mm (D)<br/>Requires <b>240VAC</b> supply input</p> | £1,760.66 | £1,760.66 |

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |           |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| K85000                                                 | <p><b>Vizulinx Gateway Module (Unboxed)</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:</p> <ul style="list-style-type: none"> <li>- Remote messaging of fire alarm system status via e-mail or text message</li> <li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)</li> <li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,</li> </ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br/> Operating voltage 9 - 30V DC</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,398.45 | £1,398.45 |
| * - End of life product, subject to stock availability |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |           |

## Extinguishing Control Systems (UL)

| Kentec Trade Price List                                                              |                                                    | Enter Discount | 0%        |
|--------------------------------------------------------------------------------------|----------------------------------------------------|----------------|-----------|
| Part No                                                                              | Product Description                                | List Price     | Net Price |
| <b>Addressable extinguishing</b>                                                     |                                                    |                |           |
| <b>XT+ Releasing Control Unit (UL Approved)</b>                                      |                                                    |                |           |
| K1711-10                                                                             | XT+ 1 Area Releasing Module w/ Cabinet Red (230V)  | £854.93        | £854.93   |
| K1711-10                                                                             | XT+ 1 Area Releasing Module w/ Cabinet Red (110V)  | £854.93        | £854.93   |
| K1711-40                                                                             | XT+ 1 Area Releasing Module w/ Cabinet Gray (230V) | £854.93        | £854.93   |
| K1711-40                                                                             | XT+ 1 Area Releasing Module w/ Cabinet Gray (110V) | £854.93        | £854.93   |
| K1712-10                                                                             | XT+ 2 Area Releasing Module w/ Cabinet Red (230V)  | £1,285.15      | £1,285.15 |
| K1712-10                                                                             | XT+ 2 Area Releasing Module w/ Cabinet Red (110V)  | £1,285.15      | £1,285.15 |
| K1712-40                                                                             | XT+ 2 Area Releasing Module w/ Cabinet Gray (230V) | £1,285.15      | £1,285.15 |
| K1712-40                                                                             | XT+ 2 Area Releasing Module w/ Cabinet Gray (110V) | £1,285.15      | £1,285.15 |
| <b>Conventional extinguishing</b>                                                    |                                                    |                |           |
| <b>Sigma A-XT - 3 Zone Single Area Extinguishant Control Panels (UL/FM Approved)</b> |                                                    |                |           |
| K1810-13                                                                             | Sigma A-XT Extinguishant Control Panel - 230V Red  | £590.17        | £590.17   |
| K1810-43                                                                             | Sigma A-XT Extinguishant Control Panel - 230V Grey | £590.17        | £590.17   |
| <b>Sigma A-XT accessories</b>                                                        |                                                    |                |           |
| K1822-10                                                                             | Boxed Sigma A-XT Ancillary PCB - Red               | £220.63        | £220.63   |

|                                                                        |                                                                              |         |         |
|------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|---------|
| <b>K1822-40</b>                                                        | Boxed Sigma A-XT Ancillary PCB - Grey                                        | £220.63 | £220.63 |
| <b>K03750 AM2</b>                                                      | Boxed Sigma A-XT Ancillary PCB - Red with 0.75Amp PSU                        | £308.88 | £308.88 |
| <b>AM2FCRD</b>                                                         | Semi Flushing Collar - Red                                                   | £53.58  | £53.58  |
| <b>AM2FCGY</b>                                                         | Semi Flushing Collar - Grey                                                  | £53.58  | £53.58  |
| <b>Sigma A-XT spares</b>                                               |                                                                              |         |         |
| <b>K1810</b>                                                           | Sigma A-XT Extinguishant Control panel PCB                                   | £364.03 | £364.03 |
| <b>K1810-01</b>                                                        | Sigma A-XT Extinguishant Control panel PCB c/w plate (English language only) | £419.19 | £419.19 |
| <b>K1822-00</b>                                                        | Sigma A-XT Ancillary PCB                                                     | £156.64 | £156.64 |
| <b>M530UK</b>                                                          | Sigma XT ranges replacement yellow pull flap (English text)                  | £30.01  | £30.01  |
| <b>Sigma A-SI - Extinguishant Status Indicators (UL/FM Approved)</b>   |                                                                              |         |         |
| <b>K1821-11</b>                                                        | Sigma A SI Extinguishant Status Unit - 6 lamp Red - Surface                  | £132.38 | £132.38 |
| <b>K1821-41</b>                                                        | Sigma A SI Extinguishant Status Unit - 6 lamp Grey - Surface                 | £132.38 | £132.38 |
| <b>K1821-13</b>                                                        | Sigma A SI Extinguishant Status Unit - 6 lamp Mode Select Red - Surface      | £148.92 | £148.92 |
| <b>K1821-43</b>                                                        | Sigma A SI Extinguishant Status Unit - 6 lamp Mode Select Grey - Surface     | £148.92 | £148.92 |
| <b>Sigma A-SI - Extinguishant Status Indicators (Not UL/FM listed)</b> |                                                                              |         |         |
| <b>K1821-15</b>                                                        | Sigma A SI Extinguishant Status Unit - 6 lamp Manual Release Red - Surface   | £148.92 | £148.92 |
| <b>K1821-45</b>                                                        | Sigma A SI Extinguishant Status Unit - 6 lamp Manual Release Grey - Surface  | £148.92 | £148.92 |

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| <b>K1821-17</b>                                                                                                                                                                                                                                                                                                                                                          | Sigma A SI Extinguishant Status Unit - 6 lamp Mode Select and Manual Release Red - Surface   | £165.47 | £165.47 |
| <b>K1821-47</b>                                                                                                                                                                                                                                                                                                                                                          | Sigma A SI Extinguishant Status Unit - 6 lamp Mode Select and Manual Release Grey Surface    | £165.47 | £165.47 |
| <b>K1821-19</b>                                                                                                                                                                                                                                                                                                                                                          | Sigma A SI Extinguishant Status Unit - 10 lamp Mode Select and Manual Release Red - Surface  | £198.56 | £198.56 |
| <b>K1821-49</b>                                                                                                                                                                                                                                                                                                                                                          | Sigma A SI Extinguishant Status Unit - 10 lamp Mode Select and Manual Release Grey - Surface | £198.56 | £198.56 |
| <b>Elite Extinguishing Abort and Disablement Switches (UL/FM Approved)</b>                                                                                                                                                                                                                                                                                               |                                                                                              |         |         |
| <b>K1832-10</b>                                                                                                                                                                                                                                                                                                                                                          | Elite Extinguishant Disablement Switch Unit Red - Surface                                    | £80.37  | £80.37  |
| <b>K1832-40</b>                                                                                                                                                                                                                                                                                                                                                          | Elite Extinguishant Disablement Switch Unit Grey - Surface                                   | £80.37  | £80.37  |
| <b>K1823-10</b>                                                                                                                                                                                                                                                                                                                                                          | Elite Extinguishant Abort Switch Unit Red - Surface                                          | £75.01  | £75.01  |
| <b>K1823-40</b>                                                                                                                                                                                                                                                                                                                                                          | Elite Extinguishant Abort Switch Unit Grey - Surface                                         | £75.01  | £75.01  |
| <b>Sigma A-SI spares</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |         |         |
| <b>K569A</b>                                                                                                                                                                                                                                                                                                                                                             | Sigma A SI Extinguishant Status Unit PCB                                                     | £110.31 | £110.31 |
| <b>M858FCSR</b>                                                                                                                                                                                                                                                                                                                                                          | Semi Flushing Collar - Standard (Multipurpose flushing collar) - Red                         | £36.43  | £36.43  |
| <b>M8FCSGY</b>                                                                                                                                                                                                                                                                                                                                                           | Semi Flushing Collar - Standard (Multipurpose flushing collar) - Grey                        | £37.51  | £37.51  |
| <b>Vizulinx Alarm Management gateway</b><br><i>A multi-purpose interface module which facilitates remote alarm management by sending status messages through e-mail or text messaging. Supports Ethernet or USB GSM connectivity to internet. Vizulinx also provides interfacing to third party equipment by use of GPIO (General Purpose Inputs/Outputs) and Modbus</i> |                                                                                              |         |         |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>K85110AM3</b> | <b>Vizulinx Gateway Unit - 110V AC supply</b><br>Alarm management unit compatible with Kentec fire alarm panels,<br>Provides the following features:<br>- Remote messaging of fire alarm system status via e-mail or text message<br>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,<br>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br>Surface mount Red enclosure 369mm (W) x 480mm (H) x 110mm (D)<br>Requires <b>110VAC</b> supply input | £1,760.66 | £1,760.66 |
| <b>K85240AM3</b> | <b>Vizulinx Gateway Unit - 240V AC supply</b><br>Alarm management unit compatible with Kentec fire alarm panels,<br>Provides the following features:<br>- Remote messaging of fire alarm system status via e-mail or text message<br>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs,<br>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br>Surface mount Red enclosure 369mm (W) x 480mm (H) x 110mm (D)<br>Requires <b>240VAC</b> supply input | £1,760.66 | £1,760.66 |

|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| K85000 | <p><b>Vizulinx Gateway Module (Unboxed)</b><br/> Alarm management unit compatible with Kentec fire alarm panels,<br/> Provides the following features:</p> <ul style="list-style-type: none"> <li>- Remote messaging of fire alarm system status via e-mail or text message</li> <li>- Modbus and BACnet connectivity to interface Taktis system to third party equipment such as BMS (See manual for modbus/BACnet addressing)</li> <li>- 16 x GPIO (General Purpose Inputs or Outputs) for interfacing conventional fire panels or other third party equipment which provides relay outputs ,</li> </ul> <p>Kit includes connection cables for serial port connectivity (Syncro) and GPIO connectivity for conventional panels,<br/> DIN-Rail mount enclosure 106mm (W) x 90mm (H) x 32mm (D)<br/> Operating voltage 9 - 30V DC</p> <p>Note: Requires Media Gateway fitted in the panel when used with Taktis</p> | £1,398.45 | £1,398.45 |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|

## LUL Control Panels

| Kentec Trade Price List                                                                       |                                                               | Enter Discount | 0%         |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|------------|
| Part No                                                                                       | Product Description                                           | List Price     | Net Price  |
| <b>LUL Approved panels and accessories</b><br><i>ANCILLARY FIRE PROTECTION EQUIPMENT LIST</i> |                                                               |                |            |
| DD0004                                                                                        | 4 Way Damper/Door Control Panel, Hochiki Protocol             | £1,605.67      | £1,605.67  |
| DD0004A                                                                                       | 4 Way Damper/Door Control Panel, Apollo Protocol              | £1,605.67      | £1,605.67  |
| DD0012                                                                                        | 12 Way Damper Panel Hochiki ESP Protocol                      | £2,341.09      | £2,341.09  |
| DD0012A                                                                                       | 12 Way Damper Panel Apollo Protocol                           | £2,341.09      | £2,341.09  |
| MD0012                                                                                        | 12 Way Multicontrol Damper Interface (Hochiki)                | £3,664.85      | £3,664.85  |
| FAMNH81161M2                                                                                  | Syncro AS FAMN - Fire Alarm Modem Node - Hochiki ESP Protocol | £1,515.26      | £1,515.26  |
| JNP109K                                                                                       | UTS GATES/DOOR CLOSER CONTROL UNIT AND POWER SUPPLY           | £1,054.46      | £1,054.46  |
| JNP114K                                                                                       | 12 WAY DAMPER PANEL HOCHIKI ESP PROTOCOL                      | £2,341.45      | £2,341.45  |
| JNP179K                                                                                       | Listec EWSS complete with SCU800 unit                         | £12,360.46     | £12,360.46 |
| JNP185K                                                                                       | LOOP DRIVEN PA INTERFACE – HOCHIKI PROTOCOL                   | £1,627.13      | £1,627.13  |
| JNP188K                                                                                       | Magnetic Door Release Switch                                  | £161.42        | £161.42    |
| KQ13058                                                                                       | EWSS Control System with printer (Listec SCU800 NOT included) | £2,860.78      | £2,860.78  |
| S361                                                                                          | MASTER DAMPER MODULE                                          | £364.03        | £364.03    |
| S362                                                                                          | SLAVE DAMPER MODULE                                           | £88.25         | £88.25     |
| S366                                                                                          | RAVDU2 MODULE                                                 | £294.17        | £294.17    |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |           |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| <b>SSL126K</b>       | DO NOT ENTER sign                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | £1,618.17 | £1,618.17 |
| <b>SSL159K</b>       | Remote Audio-Visual Driver Unit (RAVDU) Apollo Protocol                                                                                                                                                                                                                                                                                                                                                                                                                                  | £2,860.78 | £2,860.78 |
| <b>SSL170K</b>       | EDNE Control Panel (Emergency Do Not Enter Sign Interface)                                                                                                                                                                                                                                                                                                                                                                                                                               | £1,362.98 | £1,362.98 |
| <b>SSL171K</b>       | EDNE Plunger                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | £137.27   | £137.27   |
| <b>SSL188K2</b>      | LUL Magnetic Door Release Key Switch Unit - V2                                                                                                                                                                                                                                                                                                                                                                                                                                           | £161.42   | £161.42   |
| <b>MWENH6316205P</b> | Main Panel c/w Terminal chamber<br>2 Loop Syncro, 16 Led zones, Printer,<br>Enable Key 901<br>Inner door key KT3001<br>Outer door key FH001<br>Internal Isolate key 901<br>Overall Surface Size 613mmW x 463mmH x 149mmD,<br>Outer vision window,<br>Terminal chamber with plain door and anti-drop bracket.<br>Door Key KT3001<br>Size 613mmW x 220mmH x 149mmD.<br>Finish: LUL Red<br>[Drawing No. K8223-01 rev01 Refers<br>Works Order Number 039289-1-1 refers to panel for approval | £2,844.35 | £2,844.35 |
| <b>MTC1</b>          | Terminal Chamber only<br>Size 543mmW x 220mmH x 149mmD<br>Surface                                                                                                                                                                                                                                                                                                                                                                                                                        | £698.65   | £698.65   |
| <b>Spares</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |           |
| <b>S361</b>          | Master Damper Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | £364.03   | £364.03   |
| <b>S362</b>          | Slave Damper Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | £88.25    | £88.25    |

|             |                                                               |         |         |
|-------------|---------------------------------------------------------------|---------|---------|
| <b>M608</b> | LUL Red Painted back box only – to suit Part No MWENH6316205P | £232.88 | £232.88 |
|-------------|---------------------------------------------------------------|---------|---------|

## Control Panel Finishes & Colour Schemes

### Kentec Trade Price List

| Product Description                                                                                                                                                                                                                                                                           | Price   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>Special metalwork</b>                                                                                                                                                                                                                                                                      |         |
| <b>Colour schemes</b>                                                                                                                                                                                                                                                                         |         |
| Customer colour schemes for Kentec control panels may be possible, please contact your sales representative                                                                                                                                                                                   | POA     |
| <b>Brushed Stainless Steel Panel Doors</b><br><i>Kentec can offer brushed stainless steel control panel doors for our standard box sizes. The below prices would be additional to the cost of the control panel. Requirement must be clearly stated as a separate line on purchase order.</i> |         |
| Brushed stainless steel door to fit M1 enclosure 330mm (W) x 255mm (H)                                                                                                                                                                                                                        | £327.73 |
| Brushed stainless steel door to fit M2/L2 enclosure 385mm (W) x 310mm (H)                                                                                                                                                                                                                     | £327.73 |
| Brushed stainless steel door to fit 01 enclosure 365mm (W) x 290mm (H)                                                                                                                                                                                                                        | £327.73 |
| Brushed stainless steel door to fit M3/D3 enclosure 385mm (W) x 520mm (H)                                                                                                                                                                                                                     | £426.04 |
| Brushed stainless steel door to fit 03 enclosure 500mm (W) x 355mm (H)                                                                                                                                                                                                                        | £426.04 |
| Brushed stainless steel door to fit 05 enclosure 570mm (W) x 420mm (H)                                                                                                                                                                                                                        | £486.13 |
| Brushed stainless steel door to fit M4 enclosure 385mm (W) x 700mm (H)                                                                                                                                                                                                                        | £469.74 |
| Brushed stainless steel door to fit M5 enclosure 420mm (W) x 590mm (H)                                                                                                                                                                                                                        | £611.76 |
| Brushed stainless steel door to fit S4 enclosure 500mm (W) x 650mm (H)                                                                                                                                                                                                                        | £611.76 |

|                                                                                                                                                                                                                                                                                                                                     |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Brushed stainless steel door to fit 15 enclosure 500mm (W) x 465mm (H)                                                                                                                                                                                                                                                              | £486.13 |
| <b>Important note!</b><br>The above additional costs are for the special finish door only. Back boxes will normally be supplied in black texture powder coat finish. For other enclosure sizes please contact our sales department.                                                                                                 |         |
| <b>Polished Stainless Steel or Polished Brass Panel Doors</b><br><i>Kentec can offer polished stainless steel or polished brass control panel doors for our standard box sizes. The below prices would be additional to the cost of the control panel. Requirement must be clearly stated as a separate line on purchase order.</i> |         |
| to fit M1 enclosure 330mm (W) x 255mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit M2/L2 enclosure 385mm (W) x 310mm (H)                                                                                                                                                                                                                                                                                        | POA     |
| to fit 01 enclosure 365mm (W) x 290mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit M3/D3 enclosure 385mm (W) x 520mm (H)                                                                                                                                                                                                                                                                                        | POA     |
| to fit 03 enclosure 500mm (W) x 355mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit 05 enclosure 570mm (W) x 420mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit M4 enclosure 385mm (W) x 700mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit M5 enclosure 420mm (W) x 590mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit S4 enclosure 500mm (W) x 650mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| to fit 15 enclosure 500mm (W) x 465mm (H)                                                                                                                                                                                                                                                                                           | POA     |
| <b>Special Flushing Collars</b><br><i>Kentec can offer brushed stainless steel, polished stainless steel or polished brass flushing collars for our standard box sizes. The below prices would be additional to the cost of the control panel. Requirement must be clearly stated as a separate line on purchase order.</i>         |         |
| to fit M1 enclosure 330mm (W) x 255mm (H)                                                                                                                                                                                                                                                                                           | £163.86 |
| to fit M2/L2 enclosure 385mm (W) x 310mm (H)                                                                                                                                                                                                                                                                                        | £163.86 |

|                                              |         |
|----------------------------------------------|---------|
| to fit 01 enclosure 365mm (W) x 290mm (H)    | £163.86 |
| to fit M3/D3 enclosure 385mm (W) x 520mm (H) | £213.02 |
| to fit 03 enclosure 500mm (W) x 355mm (H)    | £213.02 |
| to fit 05 enclosure 570mm (W) x 420mm (H)    | £242.52 |
| to fit M4 enclosure 385mm (W) x 700mm (H)    | £234.87 |
| to fit M5 enclosure 420mm (W) x 590mm (H)    | £305.88 |
| to fit S4 enclosure 500mm (W) x 650mm (H)    | £305.88 |
| to fit 15 enclosure 500mm (W) x 465mm (H)    | £242.52 |

# TERMS & CONDITIONS OF SALE

## KENTEC ELECTRONICS LTD Terms and Conditions of Sale

### 1 INTERPRETATION

#### 1.1 In these Terms:

“BUYER” means the person who accepts the Seller’s Written quotation for the sale of the Goods or whose Written order for the Goods is accepted by the Seller;

“GOODS” means the goods (including any instalment of the goods or any parts for them) which the Seller is to supply in accordance with these Terms;

“SELLER” means KENTEC ELECTRONICS LIMITED (registered in England under number 1937570) of 25 Dartford Trade Park Dartford Kent DA1 1JQ;

“CONDITIONS” means the standard terms of sale set out in this document and (unless the context otherwise requires) includes any special terms agreed in Writing between the Buyer and the Seller;

“CONTRACT” means the contract for the sale and purchase of the Goods;

“WRITING”, and any similar expression, includes facsimile transmission and electronic mail together with other forms of electronic communication.

1.2 Any reference in these Conditions to a provision of a statute shall be construed as a reference to that provision as amended, re-enacted, or extended at the relevant time.

1.3 The headings in these Conditions are for convenience only and shall not affect their interpretation.

### 2 BASIS OF SALE

2.1 The Seller shall sell, and the Buyer shall purchase the Goods in accordance with the Seller’s Written quotation (if accepted by the Buyer), or the Buyer’s Written order (if accepted by the Seller), subject in either case to these Conditions which shall govern the Contract to the exclusion of any other terms subject to which any such quotation is accepted or purported to be accepted, or any such order is made or purported to be made, by the Buyer and subject to availability. Buyer may accept Seller’s Written quotation and Seller may accept Buyer’s Written order by email.

2.2 No variation to these Conditions shall be binding unless agreed in Writing between the authorised representatives of the Buyer and the Seller.

2.3 The Seller’s employees or agents are not authorised to make any representations concerning the Goods unless confirmed by the Seller in Writing. In entering into the Contract, the Buyer acknowledges that it does not rely on, and waives any claim for breach of, any such representations which are not so confirmed, but nothing in these Conditions affects the liability of either party for fraudulent misrepresentation.

2.4 Any advice or recommendation given by the Seller or its employees or agents to the Buyer or its employees or agents as to the storage, application or use of the Goods which is not confirmed in Writing by the Seller is followed or acted upon entirely at the Buyer’s own risk, and accordingly the Seller shall not be liable for any such advice or recommendation which is not so confirmed.

2.5 Any typographical, clerical, or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.

### 3 ORDERS AND SPECIFICATIONS

3.1 No order submitted by the Buyer shall be deemed to be accepted by the Seller unless and until confirmed in Writing by the Seller’s authorised representative.

3.2 The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any order (including any applicable specification) submitted by the Buyer, and for giving the Seller any necessary information relating to the Goods within a sufficient time to enable the Seller to perform the Contract in accordance with its terms.

3.3 The quantity, quality and description of the Goods and any specification for them shall be as set out in the Seller’s quotation (if accepted by the Buyer) or the Buyer’s order (if accepted by the Seller).

3.4 If the Goods are to be manufactured or any process is to be applied to the Goods by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all loss, damages, costs, and expenses awarded against or incurred by the Seller in connection with, or paid or agreed to be paid by the Seller in settlement of, any claim for infringement of any patent,

copyright, design, trademark or other industrial or intellectual property rights of any other person which results from the Seller's use of the Buyer's specification.

**3.5** The Seller reserves the right to make any changes in the specification of the Goods which are required to conform with any applicable statutory requirements or, where the Goods are to be supplied to the Seller's specification, which do not materially affect their quality or performance.

**3.6** No order which has been accepted by the Seller may be cancelled by the Buyer except with the agreement in Writing of the Seller and on terms that the Buyer shall indemnify the Seller in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of cancellation.

#### **4 PRICE OF THE GOODS**

**4.1** The price of the Goods shall be the Seller's quoted price or, where no price has been quoted (or a quoted price is no longer valid), the price listed in the Seller's published price list current at the date of acceptance of the order. Where the Goods are supplied for export from the United Kingdom, the Seller's published export price list shall apply. All prices quoted are valid for 30 days only or until earlier acceptance by the Buyer, after which time they may be altered by the Seller without giving notice to the Buyer.

**4.2** The Seller reserves the right, by giving Written notice to the Buyer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost to the Seller which is due to any factor beyond the control of the Seller (such as, without limitation, any foreign exchange fluctuation, currency regulation, alteration of duties, significant increase in the costs of labour, materials or other costs of manufacture), any change in delivery dates, quantities or specifications for the Goods which is requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions.

**4.3** Except as otherwise stated in the Seller's Written quotation or in any price list of the Seller, and unless otherwise agreed in Writing between the Buyer and the Seller, all prices are given by the Seller on an ex works basis, and where the Seller agrees to deliver the Goods otherwise than at the Seller's premises, the Buyer shall be liable to pay the Seller's charges for transport, packaging and insurance.

**4.4** The price is exclusive of any applicable value added tax, which the Buyer shall be additionally liable to pay to the Seller.

**4.5** The cost of pallets and returnable containers will be charged to the Buyer in addition to the price of the Goods, but full credit will be given to the Buyer provided they are returned undamaged to the Seller before the due payment date.

#### **5 TERMS OF PAYMENT**

**5.1** Subject to any special terms agreed in Writing between the Buyer and the Seller and subject to the Buyer being eligible for credit (as the Seller shall determine in its sole discretion in accordance with its internal procedures), the Seller may invoice the Buyer for the price of the Goods on or at any time after delivery of the Goods, unless the Goods are to be collected by the Buyer or the Buyer wrongfully fails to take delivery of the Goods, in which event the Seller shall be entitled to invoice the Buyer for the price at any time after the Seller has notified the Buyer that the Goods are ready for collection or (as the case may be) the Seller has tendered delivery of the Goods.

**5.2** The Buyer shall pay the price of the Goods within 30 days of the date of the Seller's invoice, notwithstanding that delivery may not have taken place and/or that the property in the Goods has not passed to the Buyer. The time of payment of the price shall be of the essence of the Contract. Receipts for payment will be issued only upon request.

**5.3** If the Buyer fails to make any payment on the due date then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to:

**5.3.1** Cancel the contract or suspend any further deliveries to the Buyer;

**5.3.2** Appropriate any payment made by the Buyer to such of the Goods (or the Goods supplied under any other contract between the Buyer and the Seller) as the Seller may think fit (notwithstanding any purported appropriation by the Buyer);

**5.3.3** Charge the Buyer interest (both before and after any judgment) on the amount unpaid, at the rate of four per cent per annum above HSBC PLC base rate from time to time, until payment in full is made (a part of a month being treated as a full month for the purpose of calculating interest).

**5.3.4** Exercise its rights under clause 7.4.

**5.4** Where credit terms have been agreed between the Buyer and the Seller, the Seller may amend or

withdraw those credit terms if the Buyer's credit profile changes at any time, as the Seller may in its sole discretion determine in accordance with its internal procedures.

## **6 DELIVERY**

**6.1** Delivery of the Goods shall be made by the Buyer collecting the Goods at the Seller's premises at any time after the Seller has notified the Buyer that the Goods are ready for collection or, if some other place for delivery is agreed by the Seller, by the Seller delivering the Goods to that place.

**6.2** Any dates quoted for delivery of the Goods are approximate only and the Seller shall not be liable for any delay in delivery of the Goods however caused. Time for delivery shall not be of the essence of the Contract unless previously agreed by the Seller in Writing. The Goods may be delivered by the Seller in advance of the quoted delivery date on giving reasonable notice to the Buyer.

**6.3** Where the Goods are to be delivered in instalments, each delivery shall constitute a separate contract and failure by the Seller to deliver any one or more of the instalments in accordance with these Conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat the Contract as a whole as repudiated.

**6.4** If the Seller fails to deliver the Goods (or any instalment) for any reason other than any cause beyond the Seller's reasonable control or the Buyer's fault, and the Seller is accordingly liable to the Buyer, the Seller's liability shall be limited to the excess (if any) of the cost to the Buyer (in the cheapest available market) of similar goods to replace those not delivered over the price of the Goods.

**6.5** If the Buyer fails to take delivery of the Goods or fails to give the Seller adequate delivery instructions at the time stated for delivery (otherwise than by reason of any cause beyond the Buyer's reasonable control or by reason of the Seller's fault) then, without limiting any other right or remedy available to the Seller, the Seller may:

**6.5.1** Store the Goods until actual delivery and charge the Buyer for the reasonable costs (including insurance) of storage; or

**6.5.2** Sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to the Buyer for the excess over the price under the Contract or charge the Buyer for any shortfall below the price under the Contract.

## **7 RISK AND PROPERTY**

**7.1** Risk of damage to or loss of the Goods shall pass to the Buyer:

**7.1.1** In the case of Goods to be delivered at the Seller's premises, at the time when the Seller notifies the Buyer that the Goods are available for collection; or

**7.1.2** In the case of Goods to be delivered otherwise than at the Seller's premises, at the time of delivery or, if the Buyer wrongfully fails to take delivery of the Goods, the time when the Seller has tendered delivery of the Goods.

**7.2** Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, the property in the Goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the price of the Goods and all other goods agreed to be sold by the Seller to the Buyer for which payment is then due.

**7.3** Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as the Seller's fiduciary agent and bailee, and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as the Seller's property but the Buyer may resell or use the Goods in the ordinary course of its business provided that the Buyer shall account to the Seller for the proceeds of sale which said proceeds shall be kept by the Buyer separate from any moneys or property of the Buyer and third parties.

**7.4** Until such time as the property in the Goods passes to the Buyer pursuant to clause 7.2 (and provided the Goods are still in existence and have not been resold), the Seller may at any time require the Buyer to deliver up the Goods to the Seller and, if the Buyer fails to do so forthwith, enter on any premises of the Buyer or any third party where the Goods are stored and repossess the Goods and the Buyer grants the Seller an irrevocable licence for the Seller, its agents and employees to so enter any premises where the Buyer stores its goods, to ascertain whether any Goods are stored there and to inspect, count and recover them.

**7.5** The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of the Seller, but if the Buyer does so all moneys owing by the Buyer to the Seller shall (without limiting any other right or remedy of the Seller) forthwith become due and payable.

## **8 WARRANTIES AND LIABILITY**

**8.1** Subject to the following provisions the Seller warrants that the Goods will correspond with their specification at the time of delivery and will be free from defects in material and workmanship for a period of thirty-six months from delivery.

**8.2** The above warranty is given by the Seller subject to the following conditions:

**8.2.1** The Seller shall be under no liability in respect of any defect in the Goods arising from any drawing, design or specification supplied by the Buyer;

**8.2.2** The Seller shall be under no liability in respect of any defect arising from fair wear and tear, wilful damage, negligence, abnormal working conditions, failure to follow the Seller's instructions (whether oral or in writing), misuse or alteration or repair of the Goods without the Seller's approval;

**8.2.3** The Seller shall be under no liability under the above warranty (or any other warranty, condition or guarantee) if the total price for the Goods has not been paid by the due date for payment;

**8.2.4** The above warranty does not extend to parts, materials or equipment not manufactured by the Seller, in respect of which the Buyer shall only be entitled to the benefit of any such warranty or guarantee as is given by the manufacturer to the Seller.

**8.2.5** The Buyer complying in all material respects with these Conditions.

**8.3** Subject as expressly provided in these conditions, and except where the Goods are sold to a person dealing as a consumer (within the meaning of the Unfair Contract Terms Act 1977), all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.

**8.4** Where the Goods are sold under a consumer transaction (as defined by the Sale of Goods Act 1979) the statutory rights of the Buyer are not affected by these Conditions.

**8.5** A claim by the Buyer which is based on any defect in the quality or condition of the Goods or their failure to correspond with specification shall (whether or not delivery is refused by the Buyer) be notified to the Seller within seven days from the date of delivery or (where the defect or failure was not apparent on reasonable inspection) within a reasonable time after discovery of the defect or failure. If delivery is not refused, and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price as if the Goods had been delivered in accordance with the Contract.

**8.6** Any claim under the warranty at clause 8.1 shall be notified to the Seller within 7 days of discovery of the claim and in so notifying the Buyer shall return the Goods at its cost and shall provide a detailed explanation of the reason for the claim, together with proof of purchase and such other information as the Seller may reasonably require. Where a valid claim in respect of any of the Goods which is based on a defect in the quality or condition of the Goods or their failure to meet specification is notified to the Seller in accordance with these Conditions, the Seller may replace the Goods (or the part in question) free of charge or, at the Seller's sole discretion, refund to the Buyer the price of the Goods (or a proportionate part of the price), in which case the Seller shall have no further liability to the Buyer.

**8.7** Nothing in these Conditions shall limit or exclude the Seller's liability for:

**8.7.1** death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);

**8.7.2** fraud or fraudulent misrepresentation;

**8.7.3** breach of the terms implied by section 12 of the Sale of Goods Act 1979;

**8.7.4** defective products under the Consumer Protection Act 1987; or

**8.7.5** any matter in respect of which it would be unlawful for the Seller to exclude or restrict liability.

**8.8** Subject to clause 8.7:

**8.8.1** the Seller shall under no circumstances whatever be liable to the Buyer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, economic loss or damage, loss of data, loss of actual or anticipated savings, or any special, indirect or consequential loss arising under or in connection with the Contract; and

**8.8.2** the Seller's total liability to the Buyer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods.

**8.9** The Seller shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the Goods, if the delay or failure was due to any cause beyond the Seller's reasonable control. Without

limiting the foregoing, the following shall be regarded as causes beyond the Seller's reasonable control:

**8.9.1** Act of God, explosion, flood, tempest, fire or accident;

**8.9.2** war or threat of war, sabotage, insurrection, civil disturbance or requisition;

**8.9.3** acts, restrictions, regulations, bye laws, prohibitions or measures of any kind on the part of any governmental, parliamentary or local authority;

**8.9.4** import or export regulations or embargoes;

**8.9.5** strikes, lock outs or other industrial actions or trade disputes (whether involving employees of the Seller or of a third party);

**8.9.6** difficulties in obtaining raw materials, labour, fuel, parts or machinery;

**8.9.7** power failure or breakdown in machinery.

## **9 INDEMNITY**

**9.1** Subject to clause 3.4, the Seller shall indemnify the Buyer against all loss, damages, costs and expenses that are awarded by a court of competent jurisdiction without right of appeal suffered or incurred by the Buyer in connection with any claim that the Goods infringe the patent, copyright or design rights of a third party, provided that:

**9.1.1** The Buyer promptly notifies the Seller of any such claim and in any event within 30 days of receiving notice of the same;

**9.1.2** The Seller is given full control of any proceedings or negotiations in connection with the claim;

**9.1.3** The Buyer shall give the Seller all reasonable assistance for the purposes of any such proceedings or negotiations;

**9.1.4** The Buyer shall not admit liability nor enter into a settlement or compromise of the claim without the Seller's express prior written consent;

**9.1.5** The Buyer shall do nothing which would or might vitiate any policy of insurance or insurance cover which the Buyer may have in relation to such infringement, and this indemnity shall not apply to the extent that the Buyer recovers any sums under any such policy or cover (which the Buyer shall use its best endeavours to do);

**9.1.6** The Seller shall be entitled to the benefit of, and the Buyer shall accordingly account to the Seller for, all damages and costs (if any) awarded in favour of the Buyer which are payable by, or agreed with the consent of the Buyer (which consent shall not be unreasonably withheld) to be paid by, any other party in respect of any such claim;

**9.1.7** Without limiting any duty of the Buyer at common law, the Seller may require the Buyer to take such steps as the Seller may reasonably require to mitigate or reduce any such loss, damages, costs or expenses for which the Seller is liable to indemnify the Buyer under this clause; and

**9.1.8** The Seller shall have the right to modify the Goods so that they become non-infringing or to acquire a licence for the Buyer to enable it to use the Goods in accordance with the Contract.

**9.2** The foregoing states the Seller's entire liability and the Buyer's sole remedy with respect to the infringement of any intellectual property rights.

## **10 INSOLVENCY OF THE BUYER**

**10.1** This clause 10 applies if:

**10.1.1** The Buyer makes a composition or voluntary arrangement with its creditors or (being an individual

**10.1.2** An encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer; or

**10.1.3** The Buyer ceases, or threatens to cease, to carry on business; or

**10.1.4** The Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly; or

**10.1.5** Any event analogous to the events listed in clause 10.1.1 to 10.1.3 in relation to the Buyer occurs in any jurisdiction in which the Buyer is incorporated, resident or carries on business.

**10.2** If this clause applies then, without limiting any other right or remedy available to the Seller, the Seller may cancel the Contract or suspend any further deliveries under the Contract without any liability to the Buyer, and if the Goods have been delivered but not paid for the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

## **11 EXPORT TERMS**

**11.1** In this clause 11 "Incoterms" means the International Rules for the Interpretation of Trade

Terms of the International Chamber of Commerce as in force at the date when the Contract is made. Unless the context otherwise requires, any term or expression which is defined in or given a particular meaning by the provisions of Incoterms shall have the same meaning in these Terms, but if there is any conflict between the provisions of Incoterms and these Conditions, the latter shall prevail.

**11.2** Where the Goods are supplied for export from the United Kingdom, the provisions of this clause 11 shall (subject to any special terms agreed in Writing between the Buyer and the Seller) apply notwithstanding any other provision of these Conditions.

**11.3** The Buyer shall be responsible for complying with any legislation or regulations governing the importation of the Goods into the country of destination and for the payment of any duties on them.

**11.4** Unless otherwise agreed in Writing between the Buyer and the Seller, the Goods shall be delivered fob the air or seaport of shipment and the Seller shall be under no obligation to give notice under section 32(3) of the Sale of Goods Act 1979.

**11.5** The Buyer shall be responsible for arranging for testing and inspection of the Goods at the Seller's premises before shipment. The Seller shall have no liability for any claim in respect of any defect in the Goods which would be apparent on inspection, and which is made after shipment, or in respect of any damage during transit.

**11.6** Unless otherwise required by the Seller, payment of all amounts due to the Seller shall be made by irrevocable letter of credit, in a form acceptable to the Seller, to be opened by the Buyer in favour of the Seller and confirmed by a bank in the United Kingdom acceptable to the Seller within 14 days after the Contract is concluded.

**11.7** The Buyer shall not offer the Goods for resale in any other country notified by the Seller to the Buyer at or before the time the Buyer's order is placed, or sell the Goods to any person if the Buyer knows or has reason to believe that that person intends to resell the Goods in any such country.

## **12 ANTI-BRIBERY**

**12.1** Each Party shall:

**12.2** Comply with all applicable laws, statutes, regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

**12.3** Have and shall maintain in place throughout the term of the Contract its own policies and procedures, including but not limited to adequate procedures under the Bribery Act 2010, and will enforce them where appropriate;

**12.4** Promptly report to the other Party any request or demand for any undue financial or other advantage of any kind received by it in connection with the performance of the Contract.

## **13 GENERAL**

**13.1** Any notice required or permitted to be given by either party to the other under these Conditions shall be in Writing addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.

**13.2** No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.

**13.3** The Buyer shall not assign the whole or any part of its rights or obligations under these Conditions.

**13.4** Nothing in these Conditions shall give nor is intended to give rights to any third party under the Contract (Rights of Third Parties) Act 1999 or otherwise.

**13.5** If any provision of the Contract is held by a court or other competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby.

**13.6** Any dispute arising under these Conditions or the sale of the Goods shall be referred to arbitration by a single arbitrator appointed by agreement or (in default) nominated at the application of either party by the President for the time being of The Law Society, in accordance with the rules of The Arbitration Acts 1996.

**13.7** The Contract shall be governed by the laws of England, and the Buyer agrees to submit to the non exclusive jurisdiction of the English courts.