

Product Catalogue



ACCESS CONTROL

READERS & ID DEVICES

LONG-RANGE IDENTIFICATION

VEHICLE DETECTION & PARKING

nortechcontrol.com

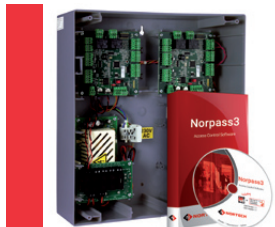
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INTRODUCTION

Welcome to the Nortech Product Catalogue. We hope you find this document useful.

Nortech supplies and supports a wide range of people and vehicle access products that can be combined to provide complete solutions. To help you to find the right products for your project, they are divided into four categories:



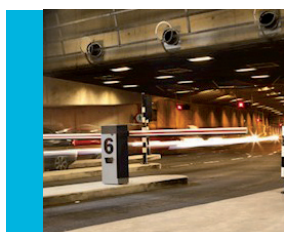
Access Control

The hardware and software components that receive credential information from readers and other input devices, check validity and control access to restricted areas by operating door locks, vehicle barriers, turnstiles, etc.



Readers and ID Devices

All types of electronic ID card readers, cards and fobs as well as keypads, biometric readers and hands-free readers.



Long-Range Identification

A selection of long-range vehicle identification systems including a choice of long-range vehicle tag readers and Automatic Number Plate Recognition (ANPR) systems.



Vehicle Detection and Parking

A range of market leading vehicle detectors, vehicle counting systems and components, and flexible parking management solutions.

We hope that you can find what you are looking for. If you need help, feel free to contact our sales team on sales@nortechcontrol.com or ring +44 (0) 1633 485533.

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Access Control

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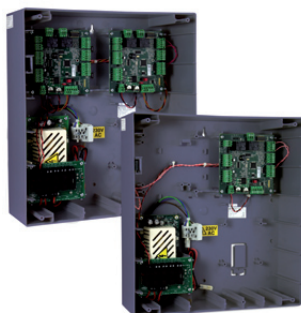
NanoQuest® Standalone Reader/
Controller with Fobs



CRC200+ 2-Reader Access
Controller



Norpass3 Access Control Software



CRC220 and CRC221 Online
Access Controllers

Product Code

Description

STANDALONE ACCESS CONTROL

N-QUEST-01	Standalone proximity card reader/controller with 2 master cards.
CRC200+	2-door, 2-reader access controller for up to 65,000 sequential cards or 8,000 random cards. Standalone or online to Norpass3.

NANOQUEST® MANAGED CREDENTIAL PACKS

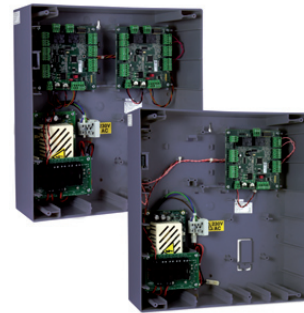
NP-CARD-PK-01	Pack of 10 proximity cards with shadow cards in filing wallet including a batch enrolment card and a card marker pen.
NP-CARD-PK-02	Pack of 25 proximity cards with shadow cards in filing wallet including a batch enrolment card and a card marker pen.
NP-CARD-PK-03	Pack of 40 proximity cards with shadow cards in filing wallet including a batch enrolment card and a card marker pen.
NP-FOB-PK-01	Pack of 10 fobs with shadow cards in filing wallet including a batch enrolment card and a card marker pen.
NP-FOB-PK-02	Pack of 25 fobs with shadow cards in filing wallet including a batch enrolment card and a card marker pen.
NP-FOB-PK-03	Pack of 40 fobs with shadow cards in filing wallet including a batch enrolment card and a card marker pen.

NORPASS3 ACCESS CONTROL SOFTWARE PACKAGE

NORPASS3	Windows based access control software - Master workstation for up to 64 controllers with web server for additional workstations. Network communication via TCP or RS485 (requires USB/RS485 converter).
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NORPASS® NETWORKED ACCESS CONTROLLERS

CRC220-48	Replacement/upgrade PCB for CRC220 housing.
CRC220-48-ENC-2	2 Door read In/free exit RS485 access controller with 3A 12V PSU in plastic enclosure.
CRC220-48-ENC-4	4 Door read In/free exit RS485 access controller with 3A 12V PSU in plastic enclosure.
CRC220-48-MET-2	2 Door read In/free exit RS485 access controller with 3A 12V PSU in metal enclosure.
CRC220-48-MET-4	4 Door read In/free exit RS485 access controller with 3A 12V PSU in metal enclosure.

Product Code
Description
NORPASS® NETWORKED ACCESS CONTROLLERS


CRC220 and CRC221 Online Access Controllers

CRC221-48	Replacement/upgrade PCB for CRC221 housing.
CRC221-48-ENC-1	1 door read In/read out RS485 access controller with 3A 12V PSU in plastic enclosure.
CRC221-48-ENC-2	2 door read In/read out RS485 access controller with 3A 12V PSU in plastic enclosure.
CRC221-48-MET-1	1 door read In/read out RS485 access controller with 3A 12V PSU in metal enclosure.
CRC221-48-MET-2	2 door read In/read out RS485 access controller with 3A 12V PSU in metal enclosure.
TCP/IP-220	Upgrade TCP/IP interface module for fitting to CRC220 or CRC221. Allows up to 32 controllers linked over an RS485 network to be controlled via a TCP/IP port.
CRC200+	2-door, 2-reader access controller for up to 65,000 sequential cards or 8,000 random cards. Standalone or online to Norpass3.
CRC200+ENC	2-door, 2-reader access controller for up to 65,000 sequential cards or 8,000 random cards. Standalone or online to Norpass3. In plastic enclosure with 3A 12V PSU.



TCP/IP-220
TCP/IP Interface Module

NORPASS® OFFICE ADMIN & PC INTERFACE KITS

USB-485	USB to RS485 converter enables the control of up to 32 controllers over a single RS485 network.
DT1-EM1-0000	Compact USB desktop enrolment reader. Reads 125kHz EM variants and derivatives.
DT1-ISO-0000	Compact USB desktop enrolment reader. Reads serial numbers of 13.56MHz technology cards and fobs.
DT1-MIF-1000-000	Compact USB desktop enrolment reader. Reads Nortech secure sector on a 13.56MHz Mifare smart card.



CRC200+ 2-Reader Access Controller



DT1-EM1 Desktop Enrolment Reader



CRC414-P Four Reader Interface



Access Control Pedestal

Product Code

Description

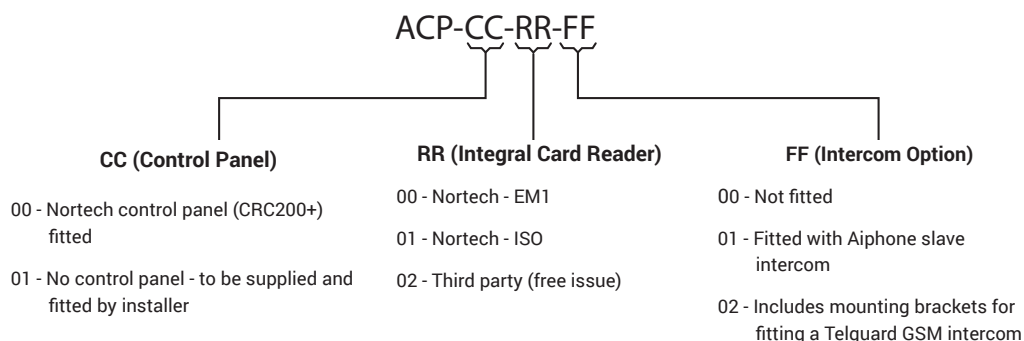
MEMBERSHIP ACCESS CONTROLLERS

CRC411-P	Single reader interface in plastic housing with 12V 3A PSU with RS232 port.
CRC411-P-TCP/ RS232	Single reader interface in plastic housing with 12V 3A PSU with RS232 and TCP control interface options.
CRC412-P	Two reader interface in plastic housing with 12V 3A PSU with RS232 port.
CRC412-P-TCP/ RS232	Two reader interface in plastic housing with 12V 3A PSU with RS232 and TCP control interface options.
CRC413-P	Three reader interface in plastic housing with 12V 3A PSU with RS232 port.
CRC413-P-TCP/ RS232	Three reader interface in plastic housing with 12V 3A PSU with RS232 and TCP control interface options.
CRC414-P	Four reader interface in plastic housing with 12V 3A PSU with RS232 and TCP control interface options.

ACCESS CONTROL PEDESTAL

ACP-01-02-00	Access control station for vehicle or person access control. Fitted with MRC350-NR01 externally rated card capture reader. To be fitted with a third-party reader (supports most models). Operates with a third-party access control unit via a standard card reader interface and capture signal. Standard height for cars, vans and pedestrians. Mount on a raised plinth for vehicle with higher driver positions.
ACP-01-02-01	Access control station for vehicle or person access control. Fitted with MRC350-NR01 externally rated card capture reader. To be fitted with a third-party reader (supports most models). Operates with a third-party access control unit via a standard card reader interface and capture signal. Fitted with Aiphone slave intercom. Standard height for cars, vans and pedestrians. Mount on a raised plinth for vehicle with higher driver positions.
ACP-00-01-00	Access control station for vehicle or person access control. Fitted with MRC350-NR01 externally rated card capture reader. Includes integral Nortech ISO reader for reading Smartcard serial numbers together with CRC200+ access control unit. Standard height for cars, vans and pedestrians. Mount on a raised plinth for vehicle with higher driver positions.
ACP-00-01-01	Access control station for vehicle or person access control. Fitted with MRC350-NR01 externally rated card capture reader. Includes integral Nortech ISO reader for reading Smartcard serial numbers together with CRC200+ access control unit. Fitted with Aiphone slave intercom. Standard height for cars, vans and pedestrians. Mount on a raised plinth for vehicle with higher driver positions.

For other options, the ordering code is determined as follows:





Readers and ID Devices

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Product Code

Description

SMART CARD READERS - SERIAL NUMBER ONLY



MP1 - Mullion Style Reader



WP1 - Wall Switch Reader



MP1-ISO-0000	Mullion style multi-ISO reader with 500mm pigtail. Reads serial numbers of 13.56MHz smart cards.
MP1-ISO-1000	Mullion style multi-ISO reader with terminal block. Reads serial numbers of 13.56MHz smart cards.
MP1-LEG-0001-010	Mullion style reader. Serial numbers of 13.56MHz (ISO15693 and ISO 14443A standards) technologies plus LEGIC Prime - Pigtail
MP1-LEG-1001-010	Mullion style reader. Serial numbers of 13.56MHz (ISO15693 and ISO 14443A standards) technologies plus LEGIC Prime - Terminal
WP1-ISO-0000	Wall switch style Multi-ISO 13.56MHZ reader with 500mm pigtail. Reads serial number of 13.56 MHz Smart cards.
WP1-ISO-1000	Wall switch style Multi-ISO 13.56MHZ Reader with terminal block. Reads serial number of 13.56 MHz Smart cards.
WP1-LEG-0001-010	Wall switch style. Serial numbers of 13.56MHz (ISO15693 and ISO 14443A standards) technologies plus LEGIC Prime - Pigtail
WP1-LEG-1001-010	Wall switch style. Serial numbers of 13.56MHz (ISO15693 and ISO 14443A standards) technologies plus LEGIC Prime - Terminal

SMART CARD READERS - 13.56MHz

MP1-LEG-0001-XXX	Mullion style reader. Customer specific data from a secure segment on a 13.56MHz LEGIC Prime or LEGIC Advant smart card - Pigtail
MP1-LEG-1001-XXX	Mullion style reader. Customer specific data from a secure segment on a 13.56MHz LEGIC Prime or LEGIC Advant smart card - Terminal
MP1-MIF-0002-XXX	Mullion style reader. Nortech secure sector on a 13.56MHZ Mifare smart card. Site code and sequential card numbers with customer key - Pigtail
MP1-MIF-1002-XXX	Mullion style reader. Nortech secure sector on a 13.56MHZ Mifare smart card. Site code and sequential card numbers with customer key - Terminal
MP1-MIF-0001-XXX	Mullion style reader. Customer specific data from a secure sector on a 13.56MHz Mifare smart card - Pigtail
MP1-MIF-1001-XXX	Mullion style reader. Customer specific data from a secure sector on a 13.56MHz Mifare smart card - Terminal
MP1-SPACER	8mm stand-off spacer for mullion style 13.56MHz reader to improve read range when mounted on metal. Charcoal grey.
WP1-LEG-0001-XXX	Wall switch style. Customer specific data from a secure segment on a 13.56MHz LEGIC Prime or LEGIC Advant smart card - Pigtail
WP1-LEG-1001-XXX	Wall switch style. Customer specific data from a secure segment on a 13.56MHz LEGIC Prime or LEGIC Advant smart card - Terminal
WP1-MIF-0002-XXX	Wall switch style. Nortech secure sector on a 13.56MHZ Mifare smart card. Site code and sequential card numbers with customer key - Pigtail
WP1-MIF-1002-XXX	Wall switch style. Nortech secure sector on a 13.56MHZ Mifare smart card. Site code and sequential card numbers with customer key - Terminal
WP1-MIF-0001-XXX	Wall switch style. Customer specific data from a secure sector on a 13.56MHz Mifare smart card - Pigtail
WP1-MIF-1001-XXX	Wall switch style. Customer specific data from a secure sector on a 13.56MHz Mifare smart card - Terminal

Product Code

Description

PROXIMITY CARD READERS - 125kHz

MP1-EM1-0000	Mullion style 125kHz EM proximity reader with 500mm pigtail.
MP1-EM1-1000	Mullion style 125 kHz EM proximity reader with terminal block.
MP1-DP1-0000	Mullion style 125kHz DualProx® proximity reader with 500mm pigtail.
MP1-DP1-1000	Mullion style 125kHz DualProx® proximity reader with terminal block.
WP1-EM1-0000	Wall switch style 125kHz EM proximity reader with 500mm pigtail.
WP1-EM1-1000	Wall switch style 125kHz EM proximity reader with terminal block.
WP1-DP1-0000	Wall switch style 125kHz DualProx® proximity reader with 500mm pigtail.
WP1-DP1-1000	Wall switch style 125kHz DualProx® proximity reader with terminal block.
WP2-EM1-0000	Flush-mount wall switch 125kHz EM proximity reader with 500mm pigtail. Vandal resistant.
PP1-EM1-0000	Panel-mount 125kHz EM proximity reader with 500mm pigtail.
PP1-DP1-0000	Panel-mount 125kHz DualProx® proximity reader with 500mm pigtail.
VP1-EM1-0000	Vandal Resistant 125kHz EM proximity reader with 500mm pigtail.
VP1-DP1-0000	Vandal resistant 125kHz DualProx® proximity reader with 500mm pigtail.



WP2 - Flush Mount Reader



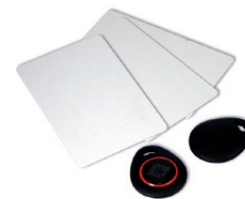
VP1 - Vandal Resistant Reader

NORTECH ACCESS CONTROL CREDENTIALS

NP-CARD-PK-00	Randomly numbered proximity cards, blank both sides. Suitable for dye-sublimation printing. Pack of 10.
NP-FOB-PK-00	Randomly numbered proximity key fobs. Pack of 10.
NP-CARD-S	Sequentially numbered proximity cards, blank both sides. Suitable for die-sublimation printing. Clock & Data format. Customer must supply site code and card number range with order.
NP-FOB-S	Sequentially numbered proximity key fob. Clock & Data format. Customer must supply site code and card number range with order.
MIF-FOB-PK-00	Mifare 1K key fob, unprogrammed. Pack of 10.

Note:

DualProx® Reader can read old style PAC fobs and new 125kHz type PAC cards/fobs and standard EM cards/fobs.



Cards and Fobs

UPASS ACCESS - UHF HANDS-FREE READER

9958240	uPASS Access hands-free reader with identification at up to 2 metres.
9943943 (UPC97)	Long range UHF tag in ISO card format, not suitable for windscreen mounting. Programmed with secured customer specific ID number. (minimum order 25).
9942343 (UPC43)	UHF - Mifare 1K Card. Credit card sized ISO credential with combined UHF and HF Mifare technologies (minimum order 25).
9943960 (UPC51)	UHF - LEGIC Advant Card. Credit card sized ISO credential with combined UHF and HF LEGIC technologies (minimum order 25).
9942360 (UPC60)	uPASS UHF - EM4102 Card. Credit card sized ISO credential with combined UHF and LF EM4102 technologies. (minimum order 25).



uPASS ACCESS
Hands-free Reader



IR Sensor Exit Button



S40 Keypad/Smart Card Reader



MRC350 - Card Capture Reader

Product Code

Description

REQUEST TO EXIT DEVICES

AMS-EBIR3-RG IR sensor 'request to exit' button, UK back box mount.

KEYPADS AND CARD READER/KEYPADS

DX2 Keypad with plastic illuminated keys. Wiegand 26/32 bit or 4/8 bit Burst mode output

S40 Keypad with metal keys and HID iClass SE Seos Contactless reader. Reads iCLASS, iCLASS SE, Seos, Mifare and DESFire 13.56 MHz contactless cards.

MOTORISED CARD CAPTURE READERS

MRC350-XXX Motorised card capture reader Supports most technologies with transparent forwarding of card data to the controller. Reader must be free issued to Nortech. For use with ISO cards only.

MRC350-GEN-T Motorised card capture reader. Designed to allow an integrator to fit a third party proximity or smart card reader.

MAGNETIC STRIPE CARD READERS

RH300 Magnetic stripe card reader, clock & data output, standard track 2 - suitable for external use.



Long-Range Identification

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Product Code

Description

ANPR - AUTOMATIC NUMBER PLATE RECOGNITION



ANPR Access V2
Number Plate Recognition



ANPR Lumo
Number Plate Recognition

9986057

ANPR Access V2 Short-range automatic number plate recognition for vehicle access control applications. Includes mounting kit for mounting onto a pole or wall.

9986898

ANPR Access V2 Long-range automatic number plate recognition for vehicle access control applications. Includes mounting kit for mounting onto a pole or wall.

9986138

ANPR Lumo for vehicle access control applications. Easy user configuration. Built-in Wiegand modes.

SSP-ANPR

Stainless steel post for mounting ANPR reader.

SSDP-ANPR

Stainless steel dual height Post for mounting ANPR and traffic signal.

7657870

ANPR universal power adapter



ANPR Lumo in
Dual Height Stainless
Steel Post



ANPR Lumo in
Stainless Steel Post

Product Code

Description

UPASS REACH - UHF LONG-RANGE VEHICLE IDENTIFICATION

9942319 (UPR19)	uPASS Reach long-range reader with identification of up to 5 metres. ISO18000 EPC Gen2 compliant.
9875840 (UPM40)	uPASS Reach mounting set with adjustable arm.
7591152 (UPM52)	uPASS Reach weather protection hood. Protects the uPASS Reach from direct water spray, rain or temperature rise by means of long lasting exposure to the sun. Compatible with the adjustable mounting set.



uPASS Reach
Long-Range Reader

UPASS TARGET - UHF LONG-RANGE VEHICLE IDENTIFICATION

9217363	uPASS Target reader with Identification up to 10 m
5626595	uPASS Target pole mounting bracket.
9219021	uPASS Target external antenna.
9218335	uPASS Target weather protection hood



uPASS Target
Long-Range Reader

UPASS CREDENTIALS

9945946 (UPT46)	uPASS long-range UHF tag for windshield mounting. Programmed with secured customer specific ID number (minimum order 25).
9946918 (UPT18)	uPASS tamper-proof long-range UHF tag for windshield mounting. Programmed with secured customer specific ID number. Destructs upon removal (minimum order 25).
9943943 (UPC97)	Long-range UHF tag in ISO card format, not suitable for windscreen mounting. Programmed with secured customer specific ID number. (minimum order 25).
9942343 (UPC43)	UHF - Mifare 1K card. Credit card sized ISO credential with combined UHF and HF Mifare technologies (minimum order 25).
9943960 (UPC51)	UHF - LEGIC Advant card. Credit card sized ISO credential with combined UHF and HF LEGIC technologies (minimum order 25).
9942360 (UPC60)	uPASS UHF - EM4102 card. Credit card sized ISO credential with combined UHF and LF EM4102 technologies. (minimum order 25).
9219641	uPASS UHF heavy duty tag - small (min order 10)



uPASS Target
External Antenna



uPASS Long-Range UHF Tag



uPASS UHF Heavy Duty Tag - Small



uPASS Combi Card

Product Code

Description

TRANSIT - 2.45GHz LONG-RANGE VEHICLE IDENTIFICATION


TRANSIT Ultimate Long Range Reader



TRANSIT Window Button



TRANSIT Window Button Switch



TRANSIT Booster



TRANSIT Heavy Duty Tag



TRANSIT Compact Tags

9215689

TRANSIT Ultimate long-range automatic vehicle and driver identification reader with identification up to 10 metres. This reader supports bidirectional communication and advanced tag authentication based on AES encryption, when used with Ultimate tags (this function requires the Security Key Pack).

5626595

TRANSIT pole mounting bracket.

9218327

TRANSIT Ultimate weather protection hood. Protects the TRANSIT Ultimate from temperature rise by means of long lasting exposure to the sun.

9882650

TRANSIT window button long-range single ID tag. Including industrial strength suction cup for easy windshield mounting (minimum order 10).

9882480

Window button switch long-range single ID tag. Including industrial strength suction cup for easy windshield mounting. Includes built-in switch for user activated transmission (minimum order 10).

9891900

TRANSIT Compact tag. Long-range single ID tag, clamshell design (minimum order 10).

9875980

TRANSIT Long-range heavy duty single ID tag. Mounts permanently externally on a vehicle or container (minimum order 10).

9948546

TRANSIT Prox-Booster 2G for driver identification (minimum order 10).

9948538

TRANSIT Prox-Booster 2G for vehicle and driver identification (minimum order 10).

9948554

Long-range dual ID in vehicle device to identify both driver and vehicle. Supports ISO 14443 and 15693 compliant 13,56 MHz credentials (minimum order 10).

5450055

Crocodile clip with nylon strap for TRANSIT Compact Tag or uPASS ISO Card Holder.

5402956

TRANSIT Compact Tag Holder for windscreen mounting with suction pads (minimum order 10).



Vehicle Detection And Parking

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Product Code

Description

INDUCTIVE LOOP DETECTORS

SINGLE CHANNEL PARKING DETECTORS



PD132 and PD232 Parking Detectors



PD172 and PD272 Enhanced Parking Detectors



DU700 Vehicle Detector Diagnostic System for Smart Devices

PD132	Standard miniature boxed single channel detector. Power requirement 230V AC.
PD134	Standard miniature boxed single channel detector. Power requirement 12-24V AC/DC.
PD172	Miniature boxed single channel detector with extended features. Power requirement 230V AC
PD174	Miniature boxed single channel detector with extended features. Power requirement 12-24V AC/DC

DUAL CHANNEL PARKING DETECTORS

PD232	Miniature boxed dual channel detector. Power requirement 230V AC.
PD234	Miniature boxed dual channel detector. Power requirement 12-24V AC/DC.
PD272	Miniature boxed dual channel detector with extended features. Power requirement 230V AC.
PD274	Miniature boxed dual channel detector with extended features. Power requirement 12-24V AC/DC.

TRAFFIC DETECTORS

TD134	Single channel enhanced traffic detector, 12-24V AC/DC.
TD136	Single channel enhanced traffic detector, 230V AC.
TD234	Dual channel enhanced traffic detector, 12-24 V AC/DC.
TD236	Dual channel enhanced traffic detector, 230V AC.
TD254D	2 channel traffic detector with delay & extend, 12-24V AC/DC.
TD254D-HARNESS	Wiring harness to fit the TD254D CS Route dual channel traffic detector.

DETECTOR ACCESSORIES

RB1	11 Pin relay base for detector.
LP100	Loop cable 100m drum.
LP500	Loop cable 500m drum.
DU100	Vehicle detector diagnostic unit, compatible with PD130, PD230, PD170 and PD270 ranges.
DU700	Vehicle detector diagnostic system for smart phones, compatible with PD170, PD270 ranges.

Product Code

Description

PEOPLE AND VEHICLE COUNTING SYSTEM

ONLINE CAR PARK COUNTING SYSTEM COMPONENTS

NORPARC®	Car park counting software. Includes count server and client front end packages. Requires additional counter licenses. Package includes USB-485 converter.
NP-XXX	Norparc® counter license. One is required per physical count (1,2,4 per NCT200, depending on configuration).
NCT200-48	4 Channel counter with VMS control bus and PC communication bus. Can work standalone or as part of a networked system using NorParc® software. Capable of driving up to 8 addressable VMS.
NCT200-48-ENC	4 Channel counter with VMS control bus and PC communication bus. Can work standalone or as part of a networked system using NorParc® software. Complete with PSU and enclosure.
NCT200-TCP-ENC	4 Channel counter with VMS control bus and TCP/IP PC communication bus. Can work standalone or as part of a network system using NorParc® software. Complete with PSU and enclosure.



NCT100 Standalone Counter Module



NorParc® Car Park Counting Software

VENUE COUNTING SOFTWARE

NORVENUE®	Venue count management software. Includes server and client software packages - Requires counter licence. Package includes USB-485 converter.
VM-xxx	NorVenue® counter licence (per physical counter configured)

STANDALONE CAR PARK COUNTING

NCT100	Standalone 4 channel counter with VMS control bus. Capable of driving up to 4 individually addressable VMS.
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VARIABLE MESSAGE SIGNS

VMS-RGB-10A-STD	High Intensity RGB LED sign with 10cm high characters, capable of displaying count values and status messages. Fitted with rear mounting strips for post mounting.
VMS-RGB-10A-T1	Multi-level sign housing with one high intensity RGB LED sign with 10cm high characters, Fitted with rear mounting strips for post mounting.
VMS-RGB-10A-T2	Multi-level sign housing with two high intensity RGB LED signs with 10cm high characters, Fitted with rear mounting strips for post mounting.
VMS-RGB-10A-T3	Multi-level sign housing with three high intensity RGB LED signs with 10cm high characters, Fitted with rear mounting strips for post mounting.
VMS-RGB-10A-T4	Multi-level sign housing with four high intensity RGB LED signs with 10cm high characters, Fitted with rear mounting strips for post mounting.
VMS-RGB-10A-T5	Multi-level sign housing with five high intensity RGB LED signs with 10cm high characters, Fitted with rear mounting strips for post mounting.
VMS-RGB-WB-STD	Wall mounting bracket for standard VMS
VMS-RGB-WB-TX	Wall mounting bracket for multi-level VMS



VMS-RGB-10A-STD RGB Count Display Sign



VMS-RGB-10A-T2 Multi-level Display Sign

STANDALONE SHARED OCCUPANCY CONTROLLERS

CPC202	Standalone shared occupancy access controller for up to 2 groups.
CPC204	Standalone shared occupancy access controller for up to 4 groups.



FeeMaster Smart® Console



FeeMaster Smart® Console Options



FeeMaster Smart® Entry Station

Product Code

Description

PARKING MANAGEMENT - FeeMaster Smart®

FEEMASTER SMART® CONSOLE EQUIPMENT

ENC-FMS	FeeMaster Smart® attendants console/encoder. Desktop unit with easy-to-use keypad, 4-line display screen & built-in card reader/encoder. Includes in-line mains power adaptor.
ENC-FMS-BCS	FeeMaster Smart® attendants console/encoder. Desktop unit with easy-to-use keypad, 4-line display screen & built-in card reader/encoder. Includes in-line mains power adaptor and desktop barcode scanner unit.
PD-FMS	Customer fee display. Pole-mounted with 2-line by 20-character backlit display. Includes plug-top mains power adaptor and RS232 connection to the FeeMaster Smart® attendant's console.
CD-FMS	FeeMaster Smart® Cash Draw - requires BCP-FMS
BCP-FMS	Barcode token/customer receipt printer for use with the FeeMaster Smart® attendant's console. Includes in-line mains power adaptor.
NT-FMS	FeeMaster Smart® Software for PC with additional tariff configuration and transaction auditing. Includes a USB/RS485 protocol converter.

FEEMASTER SMART® ENTRY STATIONS

FMS-TD	Roadside pedestal fitted with a ticket issuer. Compatible with the FeeMaster Smart® system.
FMS-TD-INT	Roadside pedestal fitted with a ticket issuer. Compatible with the FeeMaster Smart® system. Includes a slave intercom.
FMS-TD-TG	Roadside pedestal fitted with a ticket issuer. Compatible with the FeeMaster Smart® system. Also includes a bracket to mount a Telguard GSM intercom.
FMS-TD/CRC	Roadside pedestal fitted with a FeeMaster ticket issuer and FeeMaster Smart® card reader to allow two entry options.
FMS-TD/CRC-INT	Roadside pedestal fitted with a FeeMaster ticket issuer and FeeMaster Smart® card reader to allow two entry options. Also includes a slave intercom.
FMS-TD/CRC-TG	Roadside pedestal fitted with a ticket issuer and smart card reader to allow two entry options. Compatible with the FeeMaster Smart® system. Also includes a bracket to mount a Telguard GSM intercom.

Product Code

Description

FEEMASTER SMART® EXIT STATIONS

FMS-CRH-BCR	Roadside access control pedestal complete with card capture reader, barcode scanner and exit station controller. Includes LED indicators and card collection.
FMS-BCR-PED	Roadside access control pedestal complete with barcode scanner and exit station controller. Includes LED indicators.
FMS-CRH-BCR-INT	Roadside access control pedestal complete with card capture reader, barcode scanner and exit station controller. Includes LED indicators, card collection box and slave intercom.
FMS-BCR-PED-INT	Roadside access control pedestal complete with barcode scanner and exit station controller. Includes LED indicators and slave intercom.
FMS-CRH-BCR-TG	Roadside access control pedestal complete with card capture reader, barcode scanner and exit station controller. Includes LED indicators, card collection box and a bracket to mount a Telguard GSM intercom.
FMS-BCR-PED-TG	Roadside access control pedestal complete with barcode scanner and exit station controller. Includes LED indicators and a bracket to mount a Telguard GSM intercom.



FeeMaster Smart® Exit Station

FEEMASTER SMART® ACCESSORIES AND CONSUMABLES

MASTER-NT1	Single channel master intercom unit to be used with slave intercom. Includes PSU.
MASTER-NT5	Five channel master intercom. Must be used when more than one item of equipment is fitted with slave intercom. Includes PSU.
552-596	Paper ticket roll for use with BCP-FMS (per roll).
552-650	Paper ticket roll for use with Ticket Issuer (per roll).
CARD-FMS	Smart card for use with FeeMaster Smart®. Not programmed (minimum order quantity 20).



CARD-FMS
Blank FeeMaster Smart® Cards

Who is Nortech?

Nortech designs, manufactures and distributes people and vehicle access control systems.

- ▶ As an independent British company based near Cardiff, the Welsh capital, we have been supplying products and solutions to the security industry for over 25 years.
- ▶ Our in-house design team has extensive experience in all areas of product development, including hardware, firmware and software. We work closely with our chosen technology partners to provide first class solutions for our customers, and we are always looking to incorporate new ideas and technologies.
- ▶ Our technical support team is available to support installation companies with any technical advice that they need about our products including the investigation of any suspected malfunction. They can also assist with the commissioning of new installations and provide on-site guidance and training.
- ▶ We encourage enthusiasm and high standards within our team, which is reflected in our long-standing Investors in People accreditation.
- ▶ Our planned and disciplined approach to product engineering ensures quality and reliability in both our product and services. We value our ISO9001 quality standard certification and strive to maintain that standard.
- ▶ As a full member of the BSIA, we are an established and respected manufacturer in the British security industry. We are proud of the long term relationships that we have developed with stakeholders throughout our industry, and we look forward to supporting them for many years to come.



Why Nortech?

We aim to become a leading global provider in people and vehicle access solutions through developing and distributing premium products and solutions to meet the market's requirements.

Nortech implements a positive, outward-looking culture with integrity at all levels. Our team offers a first-class experience and service that our customers rely on while striving to include innovative ideas in products and solutions.



RELIABILITY

We obtain trust and respect from our customers and partners by being reliable, honest and trustworthy.



COLLABORATION

We openly share knowledge with each other and consult with our partners and key customers to deliver the right solutions.



INNOVATION

We strive to include innovative ideas in our products to produce creative solutions.



INTEGRITY

We ensure that everything we do is done in an ethical and transparent way.

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