



sinthesi steel

- Vandal resistant steel body, with flush buttons
- Compatible with Sinthesi and K-Steel flush-mounting boxes
- Wide-angle camera 120°
- White back-lighting and customizable name tag colours
- Mechanical impact resistance degree: IK09
- Compatible with analogue sinthesi outdoor stations
- Pre-wired modules
- IP45 protection degree (ingress of solid objects and water)

urmet

Description

Sinthesi Steel is the polished steel antivandal entry panel aided by tampering and impact resistance (IK09 degree). It can be flush mounted or wall-mounted in appropriate housing boxes which are compatible with Sinthesi's modularity.

Wiring of digital systems is done with simple flat cables. Sinthesi Steel may also be used as a system upgrade, since it features Sinthesi's outdoor analogue stations interface as well as Urmet's Sinthesi and K-Steel flush-mounting boxes. Modules can be combined at will.

The panel has snap-on assembly, the only screws are located on the outer frame. Thanks to speech synthesis modules, LED indicator module and interface modules for induction loop antenna for hearing-aid users, disabled persons, the visuallyimpaired and the hearing impaired can use the system normally. Proximity and access control modules provide keyless entry functionality for entrance gates and doors.

All modules are:

- Finished with polished stainless steel
- H90mm x W90mm
- IP 45
- IK 09

Camera and Digital Modules



Ref. 1083/65 - 1 Button Video Module - 2Voice

- Built in: camera, DDA LED's, speaker and microphone
- White LED Illuminated Buttons and Nameplates
- DDA LED's and Voice Announcements for 'Call in progress', 'Please Speak' and 'Door Open'
- Wide Angle Camera Lens (120 degrees) with LED Illumination
- Call Button Reassurance
- Nameplate Engraving Available (no additional lead time)



Ref. 1758/91 - 1 Button Video Module - 4+n

- Built in: Coax camera, speaker, microphone
- Can be used with 1083/14 to make a Sinthesi Steel digital video panel
- To remove the 1 button, use with a 1758/108 Sinthesi Steel video fascia
- White LED Illuminated Buttons and Nameplates
- Nameplate Engraving Available (no additional lead time)



Ref. 1083/14 - Digital Module

- 2Voice
- Green and Amber LED Illuminated buttons
- Speaker and Microphone volume adjustment
- 4200-Name Repertory; a 4-Digit Door-Opener Code can be Assigned to Each Name
- Ability to store 100 Door-Opener Codes not Associated with Names
- Management of Main Entrance Electric Lock with Capacitance Discharge and Holding Current and also with Changeover Relay Output
- Output Contact for Control of Vehicle Entrance Electric Lock
- Ability to Call Switchboard if Two Buttons are Pressed at the Same Time
- Bluetooth Programmable
- Ability to call all potential system users

Audio Modules



Ref. 1083/64 - Audio Module 2Voice

- White LED illuminated buttons and nameplates
- Call Button Reassurance
- Nameplate engraving available for professional finish
- Requires 1083/17 expander if adding button modules



Ref. 1158/20 - Audio Module 4+n

- 0 Buttons
- Requires 1145/500 amplifier



Ref. 1158/21 - 1 Button Audio Module 4+n

- 1 Button
- White LED illuminated buttons and nameplates
- Nameplate engraving available for professional finish
- Requires 1145/500 amplifier



Ref. 1158/22 - 2 Button Audio Module 4+n

- 2 Buttons
- White LED illuminated buttons and nameplates
- Nameplate engraving available for professional finish
- Requires 1145/500 amplifier

Button Modules



Ref. 1158/11 - 1 button module

- White LED illuminated buttons and nameplates
- Call button reassurance (when used in 2Voice & IPerCom systems)
- Nameplate engraving available
- Requires 1083/17 16-button expansion module (for 2Voice systems)



Ref. 1158/12 - 2 button module

- White LED illuminated buttons and nameplates
- Call button reassurance (when used in 2Voice & IPerCom systems)
- Nameplate engraving available
- Requires 1083/17 16-button expansion module (for 2Voice systems)



Ref. 1158/13 - 3 button module

- White LED illuminated buttons and nameplates
- Call button reassurance (when used in 2Voice & IPerCom systems)
- Nameplate engraving available
- Requires 1083/17 16-button expansion module (for 2Voice systems)



Ref. 1158/14 - 4 button module

- White LED illuminated buttons and nameplates
- Call button reassurance (when used in 2Voice & IPerCom systems)
- Nameplate engraving available
- Requires 1083/17 16-button expansion module (for 2Voice systems)

GSM Modules



Ref. 1158/1 - 1 Button Audio Module GSM

- 1 Button with speaker/microphone
- White LED illuminated buttons and nameplates
- Nameplate engraving available for professional finish
- Requires 4203/2 GSM interface



Ref. 1158/2 - 2 Button Audio Module GSM

- 2 Buttons with speaker/microphone
- White LED illuminated buttons and nameplates
- Nameplate engraving available for professional finish
- Requires 4203/2 GSM interface



Ref. 1158/4 - 4 Button Expansion Module GSM

- 4 Buttons
- White LED illuminated buttons and nameplates
- Nameplate engraving available for professional finish
- Requires 4203/2 GSM interface

Accessory Modules



Ref. 1158/47 - Sinthesi Steel DDA Module

- White LED illuminated status indicator
- Voice Announcements for 'Call in progress', 'Please Speak' and 'Door Open'
- Use with 1083/64 or /14 to add DDA visual and audio announcements



Ref. 1158/48 - ILA Module

- ILA T-coil module
- Allows impaired people to hear door unit audio conversations with the hearing aid with T-magnetic interface



Ref. 1158/50 - Repertory Module

- White LED illuminated
- Requires 9000/230 power supply
- 2VOICE, COAX, 5 WIRES, 4+N, 1+N



Ref. 1158/46 - Keypad Module

- Two Relay Contacts which may be Operated Independently using Either of the Programmed Codes
- Possibility of Programming the Two Relays for Monostable or Toggle Operation.
- Programmable Door Lock Activation Time for each of the Two Relays
- Green and Amber LED Illuminated Buttons
- Timeslot Management
- 22 Programmable User Codes
- 12Vdc or 12Vac

Accessory Modules Continued



Ref. 1158/55 - OEM Reader Module

- OEM Reader module with 40 x 40mm aperture
- Can be used with other Sinthesi Steel modules or standalone
- Compatible with Paxton panel reader



Ref. 1158/59 - Blank Module

- 2Voice and IPerCom systems
- COAX, 5 WIRES, 4+N, 1+N



Ref. 1104/955 - Mifare Reader Module

- Can be used with IPassan and Easy Door access control systems
- Can be used with Sinthesi steel modules or standalone

Sinthesi Steel Flush Boxes

Arrives as standard with cable knockouts. For the Elekta steel entry panel, use the 3 module flush box. Each flush box is finish is galvanised steel.



Ref. 1158/41

- Dimensions (H x W xD):
118 x 118 x 45mm



Ref. 1158/42

- Dimensions (H x W xD):
208 x 118 x 45mm



Ref. 1158/43

- Dimensions (H x W xD):
298 x 118 x 45mm



Ref. 1158/44

- Dimensions (H x W xD):
388 x 118 x 45mm

Sinthesi Steel Module Frames

Features:

- Torx security fixings
- Hinge fixing for ease of maintenance



Ref. 1158/61

- Dimensions (H x W):
119 x 125 mm



Ref. 1158/62

- Dimensions (H x W):
209 x 125 mm



Ref. 1158/63

- Dimensions (H x W):
299 x 125 mm



Ref. 1158/64

- Dimensions (H x W):
389 x 125 mm

Sinthesi Steel Rain Hood (Flush)

Features:

- Sinthesi Steel rain hoods for flush panels
- Maximum protrusion: 47mm
- Material: Polished Aluminium



Ref. 1158/611

- Dimensions (H x W x D):
151 x 158 x 22 mm



Ref. 1158/612

- Dimensions (H x W x D):
241 x 158 x 22 mm



Ref. 1158/613

- Dimensions (H x W x D):
331 x 158 x 22 mm



Ref. 1158/614

- Dimensions (H x W x D):
421 x 158 x 22 mm

Sinthesi Steel Surface Housing

Features:

- For the Elekta steel entry panel use the 3 module surface housing
- Use SS-PAP for post adaptor plates
- Finish: Brushed
- Material: 316L Stainless Steel



Ref. 1158/SH1

- Dimensions (H x W x D):
138 x 139 x 54 mm



Ref. 1158/SH2

- Dimensions (H x W x D):
230 x 139 x 54 mm



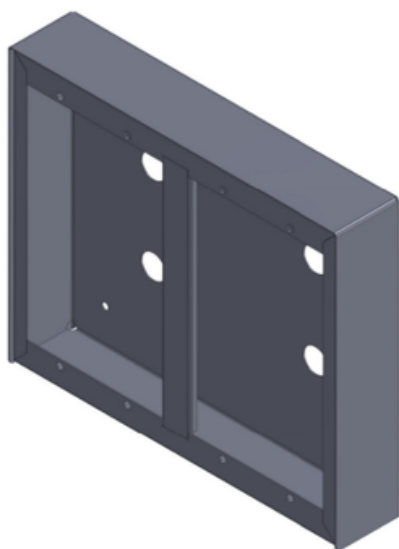
Ref. 1158/SH3

- Dimensions (H x W x D):
320 x 139 x 54 mm



Ref. 1158/SH4

- Dimensions (H x W x D):
410 x 139 x 54 mm



Ref. 1158/SH22

- Dimensions (H x W x D):
230 x 274 x 54 mm



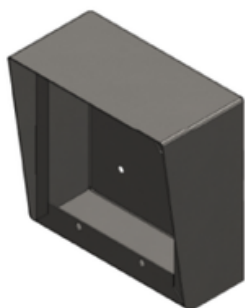
Ref. 1158/SH32

- Dimensions (H x W x D):
320 x 274 x 54 mm

Sinthesi Steel Surface Housings (with hood)

Features:

- For the Elekta steel entry panel use the 3 module surface housing
- Use SS-PAP for post adaptor plates
- Finish: Brushed
- Material: 316L Stainless Steel



Ref. 1158/SH1RH

- Dimensions (H x W x D):
140 x 138 x 74 mm



Ref. 1158/SH2RH

- Dimensions (H x W x D):
230 x 138 x 74 mm



Ref. 1158/SH3RH

- Dimensions (H x W x D):
320 x 138 x 74 mm



Ref. 1158/SH4RH

- Dimensions (H x W x D):
410 x 138 x 74 mm



Ref. 1158/SH32RH

- Dimensions (H x W x D):
320 x 273 x 74 mm