i-onG2SM - Expandable 50 zone control panel

The i-onG2SM is a Grade 2 control panel with 10 zones on board, expandable to 50, and feature-packed to deliver you real benefits.

Built with cyber security in its DNA the i-onG2SM is SecureConnect™ Cloud and App enabled

Decimal expansion system

Expanders have 10 zones in addition to the 10 zones on the end station. It provides 25% more zones per expander than traditional 8 zone expanders. A 30 zone radio expander is also available.

Performance bus

Fit up to 20 bus devices: expanders, keypads or power supplies.

Semi-auto addressing

Prevents address duplication for bus mounted devices, saving hours of installation diagnostic time.

Audible bus device tracing

Locate any bus device quickly and easily. Reduce the time taken to complete maintenance and service calls.

At a glance...

- Ten zones expandable to 50
- 50 user codes
- SecureConnect™ enabled
- Range of keypad options
- App for end user control and notification
- Common programming across the range

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Product specification

Feature	Description
Compliance	EN50131 PD662:2017 Grade 2
Zones on board	10
Total zone capacity	50
Total number of buses	1
Number of users	50
Number of outputs	50 system plus 12 communicator
Number of partitions	5
Number of part sets per partition	3
Event log size	1,500
Number of bus devices	20
Firmware update	SD card or Cloud
Power supply	1A
Remote communications	Ethernet included. Choice of plug on communicators for PSTN, GSM or 4G
Communications security	SSL/TLS - when communicating with SecureConnect™ App or Cloud
Battery (maximum capacity)	1 * 7Ah
Micro sd card	Yes
Size	239mm (h) x 250mm (w) x 90mm (d).
Weight	2.8Kg - Panel without battery
Temperature range	Environmental class 2 -10°C to 55°C 93% RH

Compatible products

Product Code	Description
Keypads	
KEY-K01	Wired keypad
KEY-KP01	Wired keypad with built-in proximity reader
KEY-KPZ01	Wired keypad with built-in proximity reader and 2 zone inputs
KEY-RKPZ-KIT	2 way radio keypad and base station
KEY-RKPZ	2 way radio keypad
KEY-FKPZ-BK	Flush mount keypad - piano black finish
KEY-FKPZ-SC	Flush mount keypad - satin chrome finish
KEY-FKPZ-WH	Flush mount keypad - bright white finish
i-KP01	Wired keypad with large display and built in proximity reader
Expanders	
EXP-W10	10 zone wired expander
EXP-R10	10 zone radio expander
EXP-R30	30 zone radio expander
EXP-PSU	3 Amp 10 zone intelligent powered expander in large metal housing
Communicators	
COM-SD-PSTN	PSTN speech dialler and ARC communicator
COM-SD-GSM	GSM speech dialler and ARC communicator
COM-DATA-4G	4G data communicator for connection to SecureConnect™ Cloud and data ARC communications
Accessories	
MISC-SHFPK5	Pack of 5 accessory shelves. This enables a third party communicator or expander to be mounted above the panel PCB without hindering access to the panel PCB
ADP-10CC	Allows ten 4 wire zones to be used on the panels ten FSL (Fully Supervised Loop) zones