i-on30EXD Expandable 30 zone control panel

PD6662:2010 and BS8243:2010 compliant Independently approved to EN standards EN50131-3:2009

Feature-packed to deliver you real benefits

Performance bus - fit up to 10 bus devices: expanders, keypads or power supplies.

Semi-auto addressing - prevents address duplication for bus mounted devices, saving hours of installation diagnostic time.

Decimal Expansion - expanders have 10 zones in addition to the 10 zones on the end station. Zone identification on expanders is now considerably easier.

Simple to service

Audible bus device tracing - locate any bus device quickly and easily. Reduce the time taken to complete maintenance and service calls.

Reliable and easy to use

Built on the i-on platform with thousands of panels installed.

At a glance...

- Ten FSL zones on board, expandable to 30
- Supports downloader
- On-board communicator
- One transistor output
- 12 digital plug-by outputs
- Supports up to 7 Ah battery

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Product specification

Compliance	PD6662:2010, EN50131-3:2009 and EN50131-6:2008 Grade 2 and environmental class 2 EN50131-3:2009, EN50131-6:2008, BS8243:2010
Zones	10 on board, expandable to 30, all fully programmable
Bus devices	Accepts up to 10 bus devices (keypads, expanders and power supplies)
Proximity reader	The wired and wireless keypads contain a proximity reader as standard, except KEY-K01
Partitions	4 independent partitions each with a part set or full set and three part sets
Event log	350 events; 250 mandatory events and 100 non-mandatory
Users	Up to 50 users with 4 digit user codes, with the option for each user to add a proximity tag, radio remote control* and radio panic button*
Internal sounder	Panel: one independently controlled 16 Ω speaker Wired expander: one independently controlled 16 Ω speaker Radio expander: one independently controlled 16 Ω speaker
Outputs	Panel: One 500mA open collector programmable outputs, 12 low-current outputs for plug-by communicators Radio expander: Eight radio outputs Wired expander: 4 x 100mA, open collector programmable
Remote communications	i-on footprint for connection of a range of alarm communications modules as described below
Configurations options	Cooper Downloader via USB PSTN or plug-on comms module
Power supply	1.0A, conforms to EN50131-6 Type A power supply, rated power output 750mA whilst charging one 7Ah battery
Battery	Accepts one 12v standby battery up to 7Ah rechargeable lead acid, gel type.
Dimensions	Panel: 320 x 400 x 98mm Keypad: 115 x 156 x 34mm Expander: 230 x 144 x 44mm Small box dimensions: 240 x 250 x 90 mm HxWxD (Panel)
Weight	Panel: 4.9Kg Keypad: 0.26Kg Expander: 0.42Kg Small box weight: 2.85 kg (without standby battery) (Panel)
Temperature range	Environmental class 2 -10°C to 55°C @ 0-93% RH

*Requires radio expander EXP-R10 or EXP-R30

Product codes

i-on30EXDKP	Panel end station	Single end station with on board digi-modem (with keypad)
i-KP01, KEY-K01, KEY-KP01, KEY-KPZ01	Wired keypad	Elegant and easy to use keypad with large display and navigation key
KEY-EP (External Reader)	External Proximity reader	A compact external proximity reader for use when setting and unsetting the system
i-RK01	Wireless keypad	Radio keypad for setting and unsetting with built in proximity reader
i-FB01	Remote control	4 button radio remote control
EXP-W10	Wired 10 zone expander	Add 10 wired zones and up to 4 wired outputs, uses new i-on bus system and features audible bus device tracing.
EXP-WCC	Wired CC 10 zone expander	Add 10 wired zones and up to 4 wired outputs, uses new i-on bus system and features audible bus device tracing.
EXP-PSU	Smart power supply	Bus mounted 3A power supply with up to 10 wired zones and 20 outputs, features audible bus device tracing
EXP-R10	Radio 10 zone expander	Add 10 radio zones and up to 8 radio outputs, uses new i-on bus system and features audible bus device tracing. Can be used as a gateway for radio HUA's and remote controls
EXP-R30	Radio 30 zone expander	Add 30 radio zones and up to 8 radio outputs, uses new i-on bus system and features audible bus device tracing. Can be used as a gateway for radio HUA's and remote controls
i-DIG02	Digital communicator	Connect to central station or send SMS messages to phone numbers of your choice
i-SD02	Plug-in SD/comms module	Plug on speech dialler and digital communicator
ADSL01	ADSL filter	Essential for a broadband enabled phone line
i-GSM02	GSM dialler	GSM digital communicator/speech dialler
i-RC01	4 relay board	Converts transistorised outputs to relays

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