

i-on30EXD Expandable 30 zone control panel



PD6662:2017 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 12V 7 Ah battery

Product specification

Compliance	PD6662:2017, 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	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: 128 x 128 x 29mm Expander: 230 x 144 x 44mm Small box dimensions: 240 x 250 x 90 mm HxWxD (Panel)
Weight	Panel: 4.9kg Keypad: 0.19kg Expander: 0.42kg Small box weight: 2.85kg (without standby battery) (Panel)
Temperature range	Environmental class 2 -10°C to 55°C @ 0-93% RH

Compatible products

i-on30EXDKP	Panel end station
i-KP01, KEY-K01, KEY-KP01, KEY-KPZ01	Wired keypad
KEY-EP (External reader)	External proximity reader
i-RK01	Wireless keypad
i-FB01	Remote control
EXP-W10	Wired 10 zone expander
EXP-PSU	Smart power supply
EXP-R10	Radio 10 zone expander
EXP-R30	Radio 30 zone expander
i-DIG02	Digital communicator
i-SD02	Plug-in SD/comms module
ADSL01	ADSL filter
i-GSM02	GSM dialler
i-RC01	4 relay board
760ES	Radio siren
XCELR	Radio PIR
XCELRPT	Radio pet tolerant PIR
XCELW	Wired PIR

XCELWPT	Wired pet tolerant PIR
734r	Radio door contact
DET-RSMOKE	Radio smoke detector
738r	Radio shock sensor
739r	Radio break glass detector
710r	Radio panic button
09040-UK-00	Extension speaker
726r	Radio panic button
DET-RDCS	Radio shock detector and magnetic contact
DET-RARB	Radio assistance required button
706r	Radio lone worker button
FOB-2W-4B	Two way radio fob
762r	Radio receiver
768r	Radio receiver
WDC02	Wired door contact
PK5	Proximity Tags

Radio peripheral require EXP-R10 or EXP-R30