



Expandable to 50 hybrid zones intruder alarm panel: **i-on50EX**



PD6662:2010 and BS8243:2010 compliant

Independently approved to the latest EN standards including the new EN50131-3:2009

Feature-packed to deliver you real benefits

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

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

Product Specification

| | Description |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compliance | PD6662:2010, EN50131-3:2009 and EN50131-6:2008 Grade 2 or 3 and environmental class 2 EN50131-3:2009, EN50131-6:2008, BS8243:2010 |
| Zones | 10 on board, expandable to 50, all fully programmable |
| Bus devices | Accepts up to 20 bus devices (keypads, expanders and power supplies) |
| Proximity reader | The wired and wireless keypads contain a proximity reader as standard |
| Partitions | 5 independent partitions each with a part set or full set and three part sets |
| Event log | 750 events; 500 mandatory events and 250 non-mandatory |
| Users | Up to 100 users with 4 or 6 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 programmable relay outputs, two 500mA open collector programmable outputs, 16 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 | i-on Downloader via USB or plug-on comms module, web browser via built in Ethernet port |
| Power supply | 1.5A, conforms to EN50131-6 Type A power supply, rated power output 750mA whilst charging one 17Ah battery |
| Battery | Accepts one 12v standby battery up to 17Ah rechargeable lead acid, gel type. |
| Dimensions | Panel: 320 x 400 x 98mm Keypad: 115 x 156 x 34mm Expander: 230 x 144 x 44mm |
| Weight | Panel: 4.9Kg Keypad: 0.26Kg Expander: 0.42Kg |
| Temperature range | Environmental class 2 -10°C to 55°C @ 0-93% RH |

*Requires radio expander EXP-R10 or EXP-R30

Product Codes

| Model | Description |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i-on50EX | Panel end station Single end station only (requires keypad) |
| i-on50EXD | Panel end station Single end station with on board digi-modem (requires keypad) |
| I-KP01 | Wired keypad Elegant and easy to use keypad with large display and navigation key |
| 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-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 PA'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 PA'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 |

For consumer literature or more information please contact
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Low Energy
Intruder System



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