i-on40H - Hybrid intruder alarm panel

The i-on40H is a 40-zone hybrid (wireless and/or wired) control panel, which is expandable to 80 zones. It is ideal for installers who prefer a radio or hybrid solution and is highly versatile, being both backward and forward compatible.

Built with cyber security in its DNA the i-on40H is Eaton SecureConnect™ Cloud and App enabled

Multiple communication options
Built-in Ethernet port and optional PSTN or GSM allow you to tailor installations to the properties needs.

Eaton SecureConnect™ Cloud and App
Control and monitor your panel through the cloud 24/7 anytime anywhere across multiple locations. Provide your customers with a secure App for convenient control of their system ensuring peace of mind.

Simple visual verification
Connect Eaton security cameras to the i-on40H panel to provide an additional layer of security. Capturing images locally on an SD card and view through App or email.

At a glance:

- 30 radio and 10 wired zones expandable to 80
- Hybrid expansion using EXP-R10/R30/W10/PSU
- Ethernet / web server / virtual
- Visual verification
- Perimeter zone functionality
- SMS control
- Plug on ARC/Speech/SMS for PSTN/GSM
- Class leading Scantronic radio
- Email notifications
- EN50131 Grade 2: Independently approved

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Product specification

Compliance	EN50131-1:2006 + A1:2009 Grade 2 and environmental class II, EN50131-3:2009, EN50131-6:2008, BS8243:2010, PD6662:2017
Zones	30 Radio and 10 wired on board, expandable to 80, all fully programmable
Partitions	4 independent partitions each with a part set or full set and three part sets
Users	50 user codes, 4 digit PIN number, proximity, remote control or radio panic button
Event log	1000 events; 750 mandatory events and 250 non-mandatory
Outputs	One programmable relay outputs One 500mA open collector programmable outputs 12 low-current outputs for plug-by communicators 10 radio outputs
Bus devices	Accepts up to 20 bus devices (keypads, expanders and power supplies)
Internal sounder	One independently controlled 16 Ω speaker 4 internal radio sounders
External sirens	Dedicatated siren and strobe open collector outputs 4 external radio sirens
Remote communications	SIA IP via built in Ethernet port Email and images via built in Ethernet port Footprint for connection of a range of alarm communications modules as described below
Visual verification	Up to 4 IP cameras
Power supply	Conforms to EN50131-6:2008 Type A power supply, rated power output 1.0A. 650mA is available for auxiliary power
Configurations options	Configurable via the cloud
Battery	Accepts a 12v standby battery up to 7Ah rechargeable lead acid, gel type
Dimensions	End station: 384 x 245 x 94mm
Weight	End station: 2.2kg
Temperature range	Environmental class II. Tested -10°C to 55°C @ 93% RH

Compatible products

i-on40H	40 zone hybrid panel end station		XCELR	Radio PIR
i-KP01, KEY-K01, KEY-KP01, KEY-KPZ01	Wired keypad		XCELRPT	Radio pet tolerant PIR
KEY-RKPZ-KIT	Two way radio keypad and base station		XCELW	Wired PIR
KEY-EP (External Reader)	External Proximity reader		XCELWPT	Wired pet tolerant PIR
i-RK01	Wireless keypad		734rEUR-00 (06)	Radio door contact white (brow)
i-FB01	Remote control		DET-RSMOKE	Radio smoke detector
EXP-W10	Wired CC 10 zone expander		738rEUR-00 (04)	Radio shock sensor white (brown)
EXP-PSU	Smart power supply		739rEUR-00	Radio break glass detector
EXP-R10	Radio 10 zone expander		710rEUR-00	Radio panic button
EXP-R30	Radio 30 zone expander		09040UK-00	Extension speaker
i-DIG02	Digital communicator		726rEUR-50	Radio panic button (long range)
i-SD02	Plug-in SD/comms module		DET-RDCS	Radio shock detector and magnetic
ADSL01	ADSL filter		DET-RARB	Radio assistance required button
i-GSM02	GSM dialler		DET-RDTPT-G2	Radio pet tolerant dual tech detector
SDR-REXT-G2	External wireless sounder		DET-RDT-G2	Radio dual tech detector
SDR-WEXT-G2	External wired sounder grade 2		703rEUR-00	Four channel radio transmitter
SDR-WEXT-G3	External wired sounder grade 3		706rEUR-00	Radio HUA and lone worker device *
SDR-RINT	Internal wireless sounder		FOB-2W-4B	Two way radio fob
			762rEUR-00	Radio receiver
*Both alarms will display as a HUA on the panel			768rEUR-50	Radio receiver
			WDC02	Wired door contact
			PROXTAGPK5	Proximity tags

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