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## Scantronic 9853EN-43

PD6662: 2004 Grade 2 or 3

Hybrid Range - 868MHz Narrowband Radio



**COOPER** Safety

The Scantronic 09853EN-43 is a fully programmable, hybrid 16-zone (2-wire FSL) security alarm panel designed to conform to PD6662:2004 Grade 2 or 3 system requirements.

Fully compliant with EN50131, PD6662: 2004 Grade 2 or 3 DD243: 2004

Option of:

- 8 onboard, fully programmable zones (CC with individual tamper or EOL)
- 16 onboard, fully programmable zones (FSL)

12 fully programmable secondary communications plug-by and Scantronic plug-on foot print outputs

8 fully programmable panel outputs (2 relay and 6 transistorised)

Choice of hard-wired or 868MHz narrowband radio expanders

Built-in multi-format communicator and 2400/300 baud full duplex modem

Full (A) and 3 part-set options (B, C and D)

Alarm reports can be Fast Format, Contact ID or SIA 1, 2 or 3

Full remote or local UDL – remote control, remote servicing and system diagnostics via PC-based Windows™ downloader programme

Built-in RS232 serial port for programming and diagnostics

Accepts up to 4 x 09941EN or 09943EN LCD keypads



## Product Compatibility

Model	Description
PD6662:2004 Compliance	Grade 3, Environmental class II, radio expansion is Grade 2, Environmental II
Zones	8 onboard zones (CC or EOL), 16 onboard zones (FSL), expandable up to 40
Panel	09843EN-00 blank end-station control panel and 09953EN-43 LCD keypad as a kit
Keypads	Accepts up to 4 x 09941EN or 09943EN remote keypads (or any combination), (see table below)
Proximity Reader	09943EN keypad includes a proximity reader as standard
Display	Full feature plain text LCD display, 2 x lines, 16 characters per line
Level Setting	A = Full set. B, C, and D offer part set options
Partitions	A, B, C & D buttons offer 4 x fully independent partitions each with individual entry/exit timers
Event Log	700 event log with date and time stamped, viewed or downloaded / local printer port
Expansion	Via a choice of 8-zone wired expanders or 8 or 16-zone radio expanders
Compliance	PD6662:2004 Grade 3. Environmental Class II, ATS 2
Keyswitch	Keyswitch zone type, full = A, part = B setting/unsetting, disarm and reset
Codes	50 x 4 or 6 digit user access codes and/or 49 proximity tags, 1 engineer code
Internal Sounder	Accepts up to 2 x 16 ohm internal sounders, exit/entry tones via internal sounder with electronic volume control (A-Set only in partition mode)
Outputs	Outputs 1 and 2 are relays and outputs 3 to 8 are open collector. All outputs programmable
Remote Communications - 21CN Compatible	Multi-format alarm reporting via a built in communicator; 8 channel Fast Format, SIA I, II or III or Contact ID (can only be used part signalling in a Grade 3 system in conjunction with IRIS 850 IP communicator, BT RedCare STU or other approved ATS4 signalling device)
Modem	Built-in 2400/300 baud CCITT V22 DIS/V21 full-duplex
Local Programming	Built-in RS232 serial port for local connection to a Laptop PC for programming and diagnostics
Downloader	Remote downloader facilities for programming, diagnostics and remote control using Cooper Security Multi-Product downloader software, Windows based, Secure Callback (with dynamic third call-back number), answerphone defeat option and unattended mode, Manual call out
Remote Diagnostics & Servicing	Designed to conform to the BSIA Remote Service COP, Remote tests include read zone resistances (panel & expander), zone activity, RFX signal strength, PSU voltages, current, battery charge current, battery load test, remotely trigger output tests, communications test, operate system with a virtual keypad
Power Supply	Conforms to EN50131-6 Type A power supply, rated power output 750mA
Battery	Stand by battery 12 volt, 7/17Ah rechargeable lead acid, gel type
Dimensions (W x H x D)	Control panel: 384 x 312 x 95mm, 09941EN keypad: 115 x 115 x 25mm, 09943EN keypad: 115 x 115 x 25mm
Weight	Control panel = 5.0 kg 09941EN and 09943EN keypad = 205gm
Temperature Range	Environmental Class II -10C to 55C @ 75% RH
Secondary Communications	Any wire-in secondary communication device, such as BT RedCare STU, via 12 fully programmable outputs plug-by and 8 fixed plug-on outputs

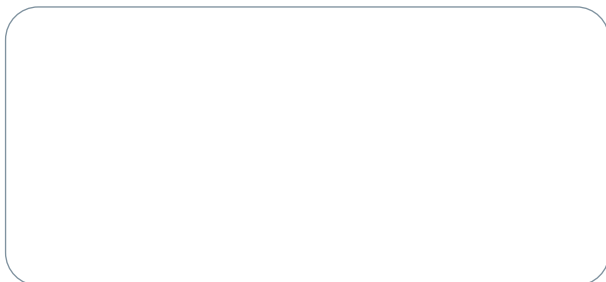
## Product Compatibility

Model	Description
09954EN-00	8-zone hard-wired expander for use with all 9x5x control panels
RFX08	8-zone radio expander, 868MHz. PD6662: 2004 Grade 2
RFX16	16-zone radio expander, 868MHz. PD6662: 2004 Grade 2

## Keypad Compatibility

Model	Description
09941EN	LCD display keypad
09943EN	LCD keypad with built-in prox

Installer Details :



For information on your local stockist contact our Marketing Department

telephone: +44 (0)1594 541 979  
 fax: +44 (0)1594 545 445  
 email: [marketing@coopersecurity.co.uk](mailto:marketing@coopersecurity.co.uk)

SCAN003/1008

[www.coopersecurity.co.uk](http://www.coopersecurity.co.uk)

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