

Wired expander range



A range of wired expanders designed and approved to be used as part of a security grade 2 or 3 system.

Bus connected intelligent expanders are intended for use on all i-on control panels.

Providing installation flexibility, with ten zones and 4 outputs on board, the expanders give a choice of zone wiring options. These include FSL with various resistor values and 2 wire or 4 wire CC for takeover of legacy systems.

A host of installer friendly options are designed to save time on installation and service visits. These include:

- Decimal expansion system for more zones per expander. This also makes zone location easier
- Semi-Automatic addressing makes addressing much simpler. No address duplication or lost address links
- Device locator to find any expander on the site by simply activating the buzzer inside the expander then walk the site listening for the buzzer

At a glance...

EXP-W10

- Ten wired zones with 4 outputs

EXP-PSU-SM

- Ten wired zones with 4 outputs
- 1 amp power supply
- Capacity for a single 7Ah battery
- Contained in a small metal housing

EXP-PSU-MM

- Ten wired zones with 4 outputs
- 2 amp power supply
- Capacity for a single 17Ah battery
- Contained in a medium metal housing

EXP-PSU-LM

- Ten wired zones with 4 outputs
- 3 amp power supply
- Capacity for two 17Ah batteries
- Contained in a large metal housing

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Scantronic product datasheet

Wired expander range

Feature	EXP-W10	EXP-PSU-SM	EXP-PSU-MM	EXP-PSU-LM
EN50131 PD6662 Grade	2 or 3	2	2 or 3	2 or 3
Zones	10			
Wiring configuration	FSL or CC			
Outputs	4	4	4	4+16 comms
Current	NA	1A	2A	3A
Housing	Plastic	Small metal	Medium metal	Large metal
Speaker connection	Yes - one 16 Ω			
Expander locator	Yes			
Dimensions (HxWxD)	260 x 160 x 60mm	239mm x 250mm x 90mm	320mm x 402mm x 102mm	427mm x 402mm x 102mm
Weight	0.5kg	2.79kg	4.5kg	6.4kg

Compatibility	EXP-W10	EXP-PSU-SM	EXP-PSU-MM	EXP-PSU-LM
i-on30R	✓	✓ *	✓*	✓
i-on40H	✓	✓*	✓*	✓
i-onG2SM	✓	✓*	✓*	✓
i-onG3MM	✓	✓*	✓*	✓
i-onG3LM	✓	✓*	✓*	✓
i-on30EXD	✓	x	x	✓
i-on50EXD	✓	x	x	✓
i-on160EX	✓	x	x	✓
i-on1000EX	✓	x	x	✓
Menvier 30/40/100/300/1000	✓	x	x	✓

*requires V6.01 firmware or higher