

**SA-EVR****OMEGA R****Product Overview**

Designed and manufactured to the highest standards in a quality controlled environment the SHIELD Omega-R fire alarm repeater provides a simple and convenient method of extending the controls and indications of the SHIELD Omega fire alarm control panel to other locations.

The large, graphic liquid crystal display and high brightness LED indicators duplicate the indications on the SHIELD Omega fire alarm control panel at up to 15 additional locations via a simple, two-wire serial data connection.

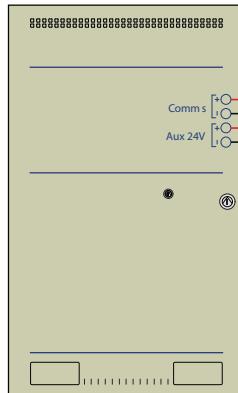
The SHIELD Omega-R is powered by 24 V DC (which can be via an additional 2 conductors from the control panel or local 24 V DC listed supply).

SHIELD Omega-R is housed in a small enclosure which is styled similarly to the SHIELD Omega control panel and is ideal for installations where a large control panel would be detrimental to décor such as entrance halls.

Up to 15 SHIELD Omega-R annunciators can be connected to each control panel on the Omega network making Omega-R ideal where multiple points of indication and/or control are required such as nurses stations or shop units.

**Addressable Repeater Panel****Standard Features**

- Available in Red.
- Up to 15 annunciators can be connected to each SHIELD Omega fire control panel.
- Large liquid crystal display (240x64 pixels).
- High brightness LED indications.
- Internal sounder.
- Replicates all panel controls.
- Simple, two-wire serial connection.
- Small, style enclosure.
- Removable electronics for easy installation.
- 24 V DC powered.
- Low power consumption.
- Multi language options.
- Connection supervised by SHIELD Omega fire control panel.

**SHIELD Omega series control panel**

**SHIELD Omega-R #1**
**SHIELD Omega-R #2**

Note: Specifications are subject to change without notice

**Technical Data**

Construction	1.2 mm Mild Sheet Steel
Cable Entry	4 Knockouts In Back Of Box
Finish	RAL3002 (Red) or BS00A05 (Grey)
Power Supply DC Rating	21 to 30 V DC
Maximum Ripple Current	200 Millivolts
Quiescent Current Of Panel in Mains Fail	0.03 A
Serial Data Connection	2 Core RS485 (Up to 1200 metres total cable length)
Maximum Terminal Capacity	12 AWG
Dimensions (W x H x D)	263 mm x 191 mm x 42 mm
Weight	1600 g

**Ordering Information**

SA-EVR	Omega-R Repeater Panel (RED)
SA-EVG	Omega-R Repeater Panel (GREY)

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