AVENGER

Supreme RS
Analog Addressable Fire Alarm Control Panels (1 or 2 Loops)

AS0810-xx (1 Loops)
AS0820-xx (2 Loops)

Standard Features

- One full SLC circuit expandable to two

- 3 programmable relays

- 5.25A integrated power supply

- Large graphic display

- Real time clock

- Compatible with eMATRIX graphics annunciator

- Powerful, network wide cause and effects (500 total). Fully user programmable by point or zone.

- Can be networked with additional RS and/ or Supreme control panels.

- Compatible with eVIEW Annunciator Programmable through a PC connection to the panel

- Same look and feel as Supreme range.

- Stores 1000 last events in history log.

- Model ranges include with or without a Dual-Line internal DACT

- Compact, stylish enclosure

- Available in Red or Gray

- 2 Programmable NAC circuits with internal synchronization support.

Product Overview

Supreme RS is a versatile range of open protocol fire alarm control panels compatible with existing Supreme fire alarm panel technology.

Available with one or two detection loops for a total of 254 primary SLC points or up to 800 points using addresses and sub-addresses. Supreme RS uses leading edge microprocessor based electronics to provide a flexible control system with high reliability and integrity.

Suitable for all small to medium sized fire detection systems, Supreme RS control panels can be expanded and networked to become part of much larger systems if the need arises, therefore providing a future proof solution for any installation.

With its large graphical display and ergonomic button and indicator layout, the Supreme RS control panel is simple and straightforward to understand for installers, commissioning engineers and end users alike.

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Added Features:

Supreme RS with Internal Modem/DACT (AS0816-xx/AS0826-xx)

- Dual line digital communicator and modem
- Central Station reporting; SIA and Contact ID Secure
- On-board loop starts terminal connections for both primary and secondary Telco lines

Supreme RS with Internal Modem/DACT & eNet (AS0817-xx/ AS0827-xx)

- Dual line digital communicator and modem
- Central Station reporting; SIA and Contact ID
- On board loop start terminal connections for both primary and secondary Telco lines
- eNet networking card pre-installed (one required per node).

Supreme RS & eNet (AS0815-xx/AS0825-xx)

- eNet networking card pre-installed (one required per node).

Panel peripherals available:

- eNET Networking Card: AS1170-00
- 1 Loop expansion board: AS1054-00
- Trim ring: AS1071-xx

Technical Specifications

Construction:	16AWG sheet steel
Dimensions:	14.5"W x 18.9"H x 4.25" D
Weight (without batteries):	20lb
Finish (lid & box):	RAL3002 (Red) or BS 00 A 05 (Gray)
Finish (product labels):	BS 00 A 05 (Gray)
Mains voltage supply:	115 or 230V AC 50 or 60 Hz. (specify when ordering, default is 115V)
Mains supply fuse:	1.6A 250V
Power supply DC rating:	24V 5.25 Amps
Charger Current:	1.25 Amps max
Battery (24 hour standby):	9Ah 12V (2 per panel) (non-networked)
SLC loops:	1 or 2 (class A, "style 6 or 7" or class B, "style 4")
Devices per loop:	127 Sensors or Modules
NAC Outputs:	2 x 1.6 Amps Regulated (continuous)
Relay Outputs:	3 x Form C rated 1 Amp @ 30VDC
Aux. Power:	2 outputs, 360mA @ 24VDC each fused at 500 milliamps
Fault contact rating:	30V DC 1 Amp
Alarm contact rating:	30V DC 1 Amp
Detection loop:	250 milliamp output
Display:	8 line x 40 character LCD (320 character total)
Serial expansion port:	Serial RS485
PC port:	Serial RS232
Network connection:	Optional network Cards allow the use of e-Net networking
NAC Synchronization:	Internal Support
NAC Protocols:	System Sensor, Wheelock, Gentex, Amsec