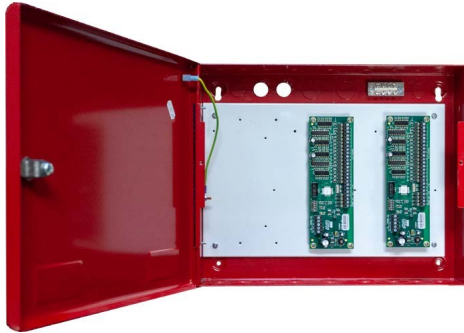




S560 (Board) and S772 (Panel Module)

16 CHANNEL I/O INTERFACE



Panel Module (S772)



Board (S560)



Standard Features

- Simple plug-in connection
- Total of 16 channels per board
- Each channel configurable as input or output
- Up to 4 boards supported per 2-8 loop panel (maximum of 64 input/output channels)
- Up to 8 boards supported per 2-16 loop panel (maximum of 128 input/output channels)
- Inputs opto-isolated
- Outputs open collector transistor
- Inputs and outputs configurable as per field devices
- Full cause and effects on all inputs and outputs
- Decals provided to redesignate terminals

Product Overview

The 16 Channel I/O Interface enhances the versatility of the alarm system by providing additional input and output capabilities to the Oasis Fire Alarm Control Panels. Inputs or outputs can be selected up to 16 individual channels. All inputs and outputs are configured in the same way as devices connected to addressable loops of the panel. The 16 Channel I/O Interface can be configured to contribute or act upon cause and effect logic.

Input points of this device are not supervised and therefore shall not be used for life safety initiation within a UL listed system. In a UL application this module must be housed in the panel or a listed enclosure connected to the panel by

Technical Specifications

Model	Board (S560)	Panel Module (S772)
Supply Voltage	24VDC	24VDC
Quiescent Current Consumption	20mA	20mA
Current per Input	3mA (maximum)	3mA (maximum)
Current per Output	100mA or 500mA across bank of 8 outputs	100mA per output OR 400mA across bank of 8 outputs
Dimensions	7.5" x 2.5"	9.25" x 2.5" (234.6mm x 62.8mm)
Cable Capacity	2.5mm per terminal	2.5mm per terminal
Operating Temperature	32°F to 122°F (0°C to 50°C)	23°F to 120°F (-5°C to 49°C)
Operating Humidity	up to 95% (non-condensing)	up to 95% (non-condensing)

A small ancillary cabinet is required for mounting the 16 Channel I/O Interface Board. The ancillary cabinet should be mounted near the Oasis panel. Provide a metal enclosed wiring pathway (such as conduit) between the panel and the cabinet.

Cabinet w/ Lid and Mounting Plate: VF0770-<A>, where A designates color (1 = red, 4 = gray) and B designates the number of cards (up to 3) to be installed.

S791

8 CHANNEL RELAY PANEL MODULE



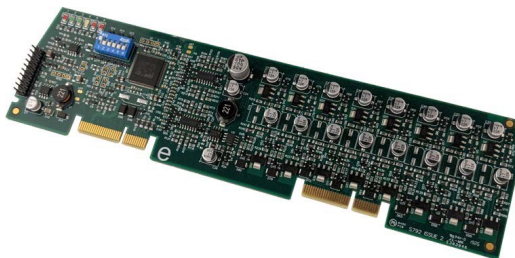
Product Overview

The 8 Channel Relay Panel Module has 8 voltage-free changeover relay contacts, each of which can be individually programmed. All outputs are configurable in the same way as devices connected to the loops and all may be acted upon by cause and effect logic. These boards are typically used in applications which require more than the five standard relay outputs, such as signaling to other systems or plant control.



S792

8 CHANNEL CONVENTIONAL ZONE MODULE



Product Overview

The 8 Channel Conventional Zone Panel Module has 8 supervised detection circuits (Class B). Each circuit can support up to 20 conventional detectors and approved devices. Individual circuits may be configured for trigger resistor or short circuit activation. These circuits may be used for any of the standard input actions and can be configured to contribute to cause and effect logic. Each pair of circuits (e.g., 1 and 2, 3 and 4, etc.) can be joined to form a single Class A configuration.

Standard Features

- Simple plug-in connection to the Oasis Fire Alarm Control Panels
- 8 volt free changeover relay contacts (1 Amp 30V DC)
- Relay operated indications
- All outputs programmable for cause and effects
- Decals provided to redesignate terminals

Technical Specifications

Supply Voltage	21 to 30VDC
Quiescent Current Consumption	10mA
Maximum Current Consumption	160mA (all relays ON)
Output Contact Rating	2.5Aper Channel
Maximum Line Impedance	1A @ 30VDC
Dimensions	234.6mm x 62.8mm or 9.25" x 2.5"
Cable Capacity	2.5sq.mm per terminal
Operating Temperature	23°F - 120°F (-5°C - 49°C)
Operating Humidity	up to 95% (non-condensing)

Standard Features

- Simple plug-in connection to the Oasis Fire Alarm Control Panels
- 8 monitored, conventional, detection zone inputs
- Decals provided to redesignate terminals

Technical Specifications

Supply Voltage Range	21 to 30VDC
Quiescent Current Consumption	70mA
Maximum Current Consumption	210mA
Maximum Line Impedance	10.1 Ohms
Dimensions	234.6mm x 62.8mm or 9.25" x 2.5"
Operating Temperature	23°F - 120°F (-5°C - 49°C)
Operating Humidity	up to 95% (non-condensing)

S793

4 CHANNEL NAC PANEL MODULE



Product Overview

Additional NAC output capability can be added to by using 4 Channel NAC Modules. These boards have 4 supervised NAC outputs, each of which can be individually programmed. The circuits can be configured for class A or B operation. These circuits can be configured to act upon cause and effect logic.



S788

MEDIA GATEWAY PANEL MODULE



Product Overview

The Media Gateway™ is a communication panel module for the Oasis Fire Alarm Control Panel. The Media Gateway Panel Module provides connectivity to a remote monitoring center via Sur-Gard Fibro or dial-up. SIA is the recommended format for usage, but Contact ID is also supported. Transmission can be made through one or two telephone lines, and/or IP through Ethernet. Standard reporting codes have been pre-defined, although the user may customize these codes through the Loop Explorer 2 programming application. The Media Gateway can provide connectivity to third party networks (please consult an Avenger applications engineer for further information), and our new graphics system L@ti-View.

Standard Features

- Simple plug-in connection to the Oasis Fire Alarm Control Panels
- 4 NAC outputs
- Fault and operated LED on-board indicators
- Decals provided to redesignate terminals

Technical Specifications

Supply Voltage Range	21 - 30VDC
Quiescent Current Consumption	30mA
Maximum Current Consumption	50mA
Current per Output	2.5Aper Channel
Maximum Line Impedance	4V loss (load-dependent)
Dimensions	234.6mm x 62.8mm or 9.25" x 2.5"
Cable Capacity	2.5sq.mm per terminal
Operating Temperature	23°F - 120°F (-5°C - 49°C)
Operating Humidity	up to 95% (non-condensing)

Standard Features

- Simple plug-in connection to the Oasis Fire Alarm Control Panels
- Dual Line Dialer Capability (SIA or Contact ID)
- IP Capable (Sur-Gard Fibro)
- Programmable to report via point or zone
- Programmable for back-up reporting
- Reporting codes can be customized by user

Technical Specifications

Supply Voltage	24VDC
Quiescent Current Consumption	114mA
Maximum Current Consumption	114mA
Dimensions	234.6mm x 62.8mm or 9.25" x 2.5"
Operating Temperature	23°F - 120°F (-5°C - 49°C)
Operating Humidity	up to 95% (non-condensing)