

16 Channel I/O Interface

S560 (Board) and S772 (Panel Module)



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 L@titude Fire Alarm Control Panel. 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 metal conduit. Power must also be provided by a UL listed power supply.

Technical Specifications

	Board (S560)	Panel Module (S772)
Supply Voltage	24V DC	24V DC
Quiescent Current Consumption	20mA	20mA
Current per Input	3mA (maximum)	3mA
Current per Output	100 mA or 500 mA across bank of 8 outputs	100mA per output OR 400mA across bank of 8 outputs
Dimensions	7.5" H x 2.5" W	9.25" x 2.5" (234.6mm x 62.8mm)
Cable Capacity	2.5mm per terminal	2.5mm per terminal
Operating Temperature	2° F to 122° F (0° C to 50° C)	23° F to 120° F (-5° C to 49° C)
Operating Humidity	to 95% (non condensing)	to 95% (non condensing)

A small ancillary cabinet (see below to determine model number) is required for mounting the 16 Channel I/O Interface Board. The ancillary cabinet should be mounted near the L@titude 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.

