

The SI16 Supervised Input Translator Board is an innovative add-on board that translates supervised input signals of non-standard monitoring points to the value used by Software House products.

With its patent-pending calibration method, the SI16 allows users to preserve existing alarm points when switching to a new Software House system. By translating the appropriate resistance levels to the new controller, customers can avoid the significant cost and labor involved in rewiring potentially hundreds of alarm points.

FEATURES & BENEFITS

- Patent-pending resistance translation method
- Removable Terminal Blocks
- On-board non-volatile memory
- Operates independently of the host security system
- Easy and cost-efficient way to retrofit security systems

KEY FEATURES

Patent-pending resistance translation method

The resistance calibration method is extremely easy and requires no involvement from the host computer. The process is as simple as connecting the calibration resistors to the inputs on the board and resetting the controller. And to make it even easier, all changes to the inputs can be tested on the Monitoring Station prior to "going live".

Removable Terminal Blocks

All connections to the SI16 are made with removable terminal blocks to facilitate the installation and wiring process.

On-board non-volatile memory

The SI16 includes on-board non-volatile memory that retains the calibration data upon loss of power.

Operates independently of the host security system

The SI16 is transparent to the security system as there is no programming necessary on the host system. This makes the SI16 compatible with any version of host system software.

SPECIFICATIONS

Inputs	.16 differential analog channels
Outputs	.16 solid-state resistance channels
Power Consumption	.100mA at 5Volts maximum
Input Sampling Time	<.1msec per input
Status Information	.LEDs
Terminal Block Connectors	.5mm pitch removable

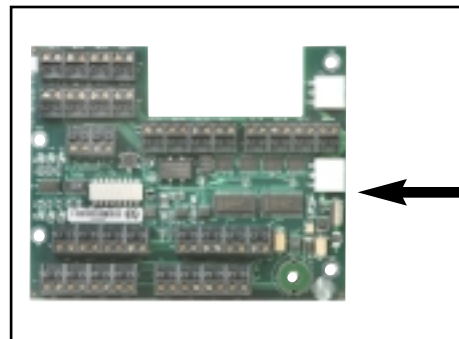
Operating Conditions

Maximum total termination resistance	.24,000 ohms
Minimum total termination resistance	.2,000 ohms
Power Requirements	.12 V, 120 mA
Maximum cable length from SI16 to inputs	.2,000 ft.
Maximum cable length from SI16 to iSTAR	.2,000 ft.
Recommended Cable	.18 AWG twisted pair, Beldon . #8461 or 22 AWG twisted pair, . Beldon #8442

iSTAR General Controller Module



iSTAR Access Control Module



SI-16 Supervised Input Translator Board
(magnified to show detail)

Door Switch Monitor,
Request to Exit
Switch, etc.

For Product Information
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www.swhouse.com