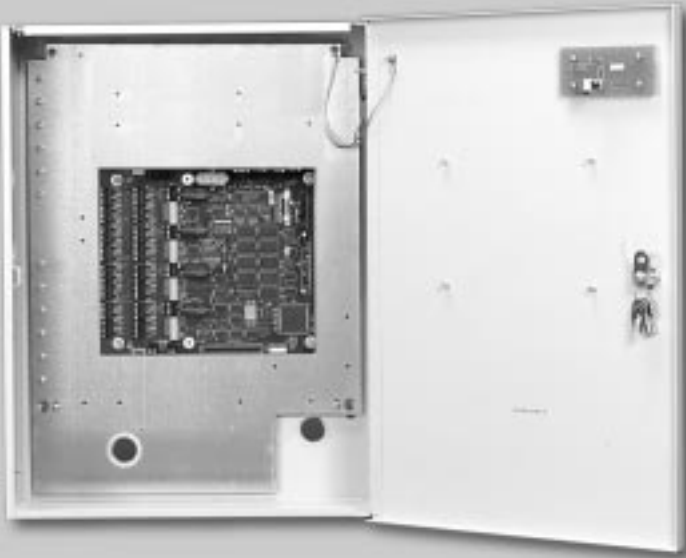


SIM[®] Series

Supervised Input Module Controller



- *Stand Alone Alarm Monitoring Controller*
- *32 Supervised 4-State Inputs*
- *4 Relay Outputs*
- *Optional Reader Alarm and Output Expansion*
- *Flash Memory*
- *Optically Isolated RS232/RS485, Dial up and Optional Ethernet Communications*
- *Serial Printer Port for Real Time Transaction Printout*
- *Compatible with Existing LiNC-NET[®], IQ[™] and MicroLPM[®] series products*
- *Year 2000 Compliant*
- *UL 1076 Listed CE, Austel or FCC Compliant – Pending*

The SIM Series Controller is a intelligent, Intel16 bit, alarm monitoring terminal from the technology leaders at PCSC. A stand-alone controller that provides 32 fully supervised inputs and four relay outputs with the flexibility to incorporate readers, alarm input and outputs.

Flash Memory

With the SIM series of controllers, firmware updates are accessible via the Internet – you simply download directly to your LiNC-NET[®] workstation and subsequently to your controllers. Before now, a trained technician visited your site and manually replaced each controller's firmware (the basic operating instructions) when a problem arose or new technology became available. PCSC's innovation saves you time and money.

Communications

RS485 multi-point communications technology is incorporated in the SIM controllers. This has been proven superior to the commonly used current loop or RS232 communication methods. The optically isolated RS485 ensures the highest level of communication integrity in all installation situations.

Integration

Integrate the SIM Series controllers into your existing LiNC-NET[®] System; it will also co-exist with any of the IQ[™] or MicroLPM[®] series products. Your existing investment is protected with PCSC.

Our Promise To You

All PCSC products are backed by our commitment to complete customer satisfaction: rapid response to your concerns, commitment to technological leadership and people who care about your satisfaction. The product you purchase today will have the capabilities to be upgraded as future products are introduced.

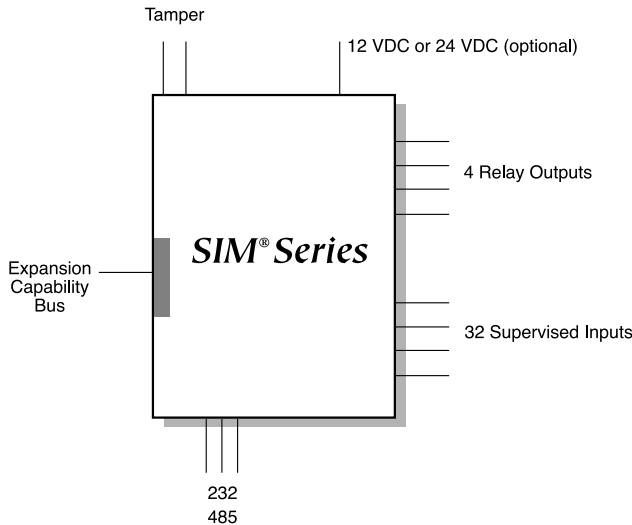
It's just how we do business – all around the world.



Specifications

The Supervised Input Module (SIM) provides data interfaces for 32 supervised input ports and four relay outputs. For Host interfacing, RS-485/RS-232 interfaces are available. In addition, the SIM provides the standard PCSC Expansion Bus connector to interface to a variety of PCSC peripheral expansion functions.

Configurations



Leadership Since 1983

PCSC, dedicated to strategically developing and re-evaluating itself to provide the best products and services in a rapidly changing industry. We're becoming a different company: refining what we do great, searching for new ways to improve ourselves – all in an effort to serve you better. That's what has made PCSC a leader in the security management industry since 1983.



SIM[®] Series

Supervised Input Module Controller

SIM	Supervised Input Controller
SIMOUT	Supervised Input Controller with additional relays
SIM400	Supervised Input Controller with additional 4 Readers
SIM800	Supervised Input Controller with 8 Reader Adapter
SIM400OUT	Supervised Input Controller with additional 4 Readers and additional Relay Output and Input
SIM800OUT	Supervised Input Controller with additional 8 Readers and additional Relay Outputs and Inputs
OV	Changes IQ™ Series to require a 24 VDC Power Requirement
FV	Foreign Voltage (220-240 VAC for the DC Power Supply)
NE	No Enclosure

All of the above come with the Internal DC Power Supply and Charger.

Microprocessor:

- **CPU Type:** Intel 16 Bit Processor
- **Memory:** 128KByte FLASH
128KByte RAM optional 256KByte

Alarm Inputs

- 32 Supervised 4-State Alarm Inputs
- Monitored via A/D conversion

Control Outputs

- Four Form-C relay contacts for external control outputs (relay sockets provided)
- 2 AMP rating

Host Interface

- RS-485/RS232 optically isolated
- Dial up communication

Real Time Clock

- Real Time Clock with battery backup

Indicators

- 32 Power LEDs for input status
- 2 seven segment, status display LEDs

Power

- +12VDC ± 10% input power @ 2.5 amp