

SCS-1R



**NIST VALIDATED
AND UL LISTED FOR
ENCRYPTION**

A rock-solid foundation for central station profits

- UL approved for digital networking or dialer operation
- Offers more billable monitoring services
- Boost income with revenue-producing features built into every DMP Command Processor™ panel.

SCS-1R is designed to meet the growing demand for network monitoring with flexible, expandable solutions.

SCS-1R NETWORK ENABLED RECEIVER

SYSTEM FEATURES

- Up to five receiving lines on each system
- 65,535 digital dialer accounts for each system
- 2,500 data networks accounts
- 19" rack mountable
- Line cards can be configured for digital dialer or asynchronous Ethernet/Network operation
- Factory configured and ready for Ethernet communication
- UL Grade AA Encrypted Network Monitoring
- Includes AES Encryption
- UL 864 Commercial Fire Monitoring
- Membrane keyboard and 32-character LCD display
- Full English readout on all alarm messages
- Built-in processor watchdog and internal voltage monitors
- Separate alarm message printer available
- Optional output to automation computer
- Keypad programming similar to a DMP Command Processor™ panel

INCREASE REVENUES

Increase revenues by offering more billable monitoring services. The SCS-1R records all openings/closings, zone bypasses, door access, code changes, and schedule changes. Reports do not require operator acknowledgment, which cuts labor costs.

RECEIVER COMMUNICATIONS

The SCS-1R allows digital data networks and digital dialer operation on one receiver. Expandable to five line cards, each card can be programmed for digital network or dialer operation.

PROFITABLE NETWORK MONITORING

Exclusive DMP technology provides worldwide supervision, allowing you to increase your RMR, expand your market, and reduce your expenses. The SCS-1R is UL listed for communication via public network or private intranets. Alarm monitoring can simply travel on existing network infrastructures adding value for the subscriber without incurring additional wiring costs.

32-CHARACTER LCD DISPLAY AND KEYPAD

The SCS-1R contains a built-in 32-Character LCD display membrane keypad. The English display on the SCS-1R eliminates alarm signal decoding, reduces operator errors, and allows operators to respond more quickly to alarm reports. 32-character messages and 16-character zone names identify the exact nature of the problem at the site.

REPORTING CAPABILITIES

- Alarms, troubles, and restorals
- Opening and closing reports
- Bypass and reset reports
- Supervisory reports
- Door access reports
- Permanent/Temporary schedule changes
- Addition and deletion of code numbers
- All messages provide the account number, time, and date of occurrence.

SCS-1R SYSTEM

The Model SCS-1R Security Control Receiver includes all of the system components required to provide two digital dialer lines and one line capable of receiving data over a network. The SCS-1R system includes:

- SCS-RACK with multibus cage and fan, and membrane keypad with LCD display
- SCS-106Z Processor Card
- SCS-100 Line Cards (2)
- SCS-101 Network Line Card (1)
- SCS-110 Modem Supply Card
- SCS-120 Multibus Power Supply Card
- SCS-130 Transformer Card
- SCS-202 Convenience Panel
- SCS-208 Power Cord

SCS-RACK SYSTEM ENCLOSURE

Provides housing for the listed components and contains adequate space to hold up to a total of five line cards. For easy access, the membrane keypad is mounted on the enclosure front.

SCS-106Z PROCESSOR CARD

The main system processor that controls the line cards, LCD display, and the printer. The processor card contains the firmware for system operation, the EEPROM memory of operator codes and line configuration, and performs all time-keeping functions.

SCS-100 LINE CARDS

Each SCS-100 Line Card provides one line of digital dialer communication between the receiver and DMP Command Processor™ panels. Each SCS-100 includes a 10-position cable to connect to the processor card and an RJ11X cable to connect to the phone line.

SCS-101 NETWORK INTERFACE CARDS

The SCS-101 Network Interface Card provides an RS-232 data network connection. The SCS-1R Receiver can then accept signals through the Ethernet/Network for secure, super fast transmission of alarm signals.

SCS-110 MODEM POWER SUPPLY CARD

The SCS-110 Modem Power Supply Card provides power to a maximum of 5 line cards through the modem rack backplane connectors. No additional cabling is required.

SCS-120 MULTIBUS POWER SUPPLY CARD

The SCS-120 Multibus Power Supply Card provides power to the processor card through the multibus backplane. The card also monitors the condition of the processor card, the voltage output of the modem power supply card, and its own internal voltages.

SCS-130 TRANSFORMER CARD

The SCS-130 Transformer Card provides power to the modem power supply card and the multibus power supply card. Two terminals are provided for connection of 120 VAC to the system.

SCS-202 CONVENIENCE PANEL

The panel provides cabling for two RS-232 ports.

SCS-208 POWER CORD

The SCS-208 Power Cord connects the various system voltages between the transformer card and the multibus power supply card.

SCS-CTM SOFTWARE

SCS-CTM Check-in Table Manager software ensures no panel supervision check-ins are lost when an SCS-101 line card is replaced. Additionally, use the SCS-CTM Check-in Table Manager to mirror a primary receiver SCS-101 line card for use on a secondary receiver SCS-101.

PRINTERS

The optional SG-DPU-414 with power supply and cable is an 80-character printer. A printer listed for Fire Signaling Control Systems is required by UL. For non-UL applications the optional SCS-186T printer with cable is available.

SPECIFICATIONS

Dimensions 19" W x 8.75" H x 12" D
19" rack mountable

ACCESSORIES

SG-DPU-414 Printer and Cable
SCS-186T Printer and Cable (Non-UL)
SCS-1R Spares Spare Board Kit
Remote Link Remote Programming Software
System Link End-User Management Software
Alarm Monitoring Alarm Monitoring Software
Command Center Visual Command and Control Software
Advanced Reports Reporting Software
Account Groups Account Grouping Software
Link Server Client Server Software

LISTINGS AND APPROVALS

Refer to the SCS-1R Installation and Operator's Guide (LT-0717) and specific compliance listings for installation and programming requirements necessary to meet a particular approval.

Underwriters Laboratories (UL) Listed
Underwriters Laboratories Canada (ULC) Listed
California State Fire Marshal (CSFM)
New York City (MEA)
FCC Part 15
FCC Part 68

For additional information, access www.dmp.com and select Compliance.