



Security Management System

Model SRCNX

Reader Controller

Overview

The Schlage Reader Controller (SRCNX) is an intelligent device that can be paired with any one of the Schlage Security Management System software packages. The number of controllers and downstream devices are unlimited. The SRCNX series is capable of making all the decisions at a local level and storing history in the event that communication is lost with the server.

The SRCNX series (SRCNX-2, SRCNX-8 and SRCNX-16) can be configured to fit any application. The communication architecture is capable of being fully networked (TCP/IP LAN/WAN) saving the customer wiring and expensive installation labor costs. The SRCNX Series has the flexibility of also communicating through dial up modem when a network is not available.

The SRCNX series controllers communicate to the downstream devices via RS-485 (for RS-232 configuration call factory). The SRCNX series controllers support direct connection for the following devices; SRINX, SIONX-24, Schlage VIP Locks, Schlage Wireless PIM-485 module (supports 15 Schlage Wireless readers), and additional SRCNX units. The Schlage Reader Interfaces (SRINX) will support a variety of read heads technologies in any combination of Biometrics devices, Smartcard, Proximity, Magnetic Stripe, Weigand, Barium Ferrite, Bar code and Keypad.

Note: See configuration guides for specific configuration rules.



ORDERING INFORMATION:

SRCNX-2 - Includes two (2) Reader Interfaces (SRINX) mounted in 20" x 20" enclosure.

SRCNX-8 - Mounted in 20" x 20" enclosure, Order reader interfaces (SRINX) separately.

SRCNX-16 - Mounted in 20" x 20" enclosure, Order reader interfaces (SRINX) separately.

Note: SRCNX-8 and SRCNX-16 can be ordered without individual enclosures. Use (NB) to specify no box. For use with custom enclosures.

FEATURES & BENEFITS

- 16 input device channels
- 8 contact inputs with dynamic current sourcing. Ideal for replacing 3rd party alarm/access panels.
- Supports majority of end-of-line resistor valves
- 2 two amp relays SP/DT
- Dynamically allocated memory
- Flashable Firmware
- Super Cap – keeps on board memory intact in case of power failure
- 1 MB RAM for ID capability

SPECIFICATIONS:

- SRCNX Reader Controller board dimensions: 9-3/4"H x 13-1/2"W x 1-1/2"D
- Standard SRCNX Series Enclosure (lockable) Dimensions: 20"H x 20"W x 4"D
- Power requirements: 16 VAC at 4 amps or 24 VDC at 4 amps

OPTIONS:

- SIONX - Input/Output Expansion Board
Snaps on the SRCNX and provides 8 NO/NC supervised or unsupervised inputs, 12 2 AMP relays. Dimensions: 11" x 3"
- SIONX-24 - Input/Output Expansion Board
Provides 24 NO/NC supervised or unsupervised inputs, 24 2 AMP relays. Includes lockable enclosure.
- SMODNX - Snaps on the SRCNX and provides Dial up modem capability. Dimensions: 5-1/4" x 2"
- SIPNX-100 - IP Addressable Module snaps on the SRCNX and provides Ethernet connection. Dimensions: 5-1/4" x 2"
- Fiber Converters- Consult factory for individual application
- See available custom enclosures



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