

Reader Interface Panel / Network Controller LX-SEC-V2000

The Reader Interface Panel / Network Controller LX-SEC-V2000 is the TCP/IP interface for server connectivity and integrated access control processing for two readers/doors.

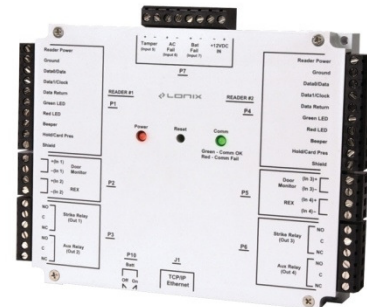
The LX-SEC-V2000 boasts a 32-bit RISC processor running the Linux Operating System. On-board flash memory allows program updates to be downloaded via the network. The LX-SEC-V2000 connects to two access control card readers via Wiegand or Clock-and-Data interface controlling either one or two doors. This architecture takes advantage of the existing corporate LAN and the existing CAT-5 cable.

- Processes access control decisions
- Supervised inputs/alarms with 255 priorities
- TCP/IP network connectivity
- Processes real time commands from the User Interface application
- Controls and communicates with all connected devices
- Event buffers for offline transactions

Easily Interfaced

- RJ-45 connector for Ethernet TCP/IP
- Quick-disconnect screw terminal connectors
- Inputs for:
 - 2 readers
 - 2 door monitor switches
 - 2 request-to-exit switches
 - Enclosure Tamper*
 - AC Fail Monitor*
 - Battery Fail Monitor*

* Can be configured as a general purpose input



Complete Access Control

LX-SEC-V2000 connects with and stores a complete access control and configuration database for one or two controlled doors and 44,000 cardholders with expansion capability to 250,000 cardholders.

Technical Data

| | |
|----------------------------|---|
| Dimensions: | 147.32 mm x 122.55 mm x 32.38 mm |
| Enclosure Material: | UL94 Polycarbonate |
| Operating Environment: | Temperature 0° to 50°C, Humidity 5% to 95% relative (non-condensing) |
| Mounting: | Mount to any wall surface, using four screws. The unit should be installed indoors, inside a secure area, such as in an IT or telecommunications room, utility closet or on a wall above a suspended ceiling. For UL compliance, one or more interfaces can be mounted inside a NEMA-4 rated enclosure. |
| Power Supply Requirements: | 160 mA @ 12-18 VDC (with no readers connected), can supply 350 mA @ 12 VDC to two connected readers. Recommended: Supervised linear power supply with battery backup, input surge protection, and supply fail and battery low contact outputs. Separate supervised DC supplies with battery back-up recommended for relay activated devices. |
| Communications Ports: | TCP-IP – one port (10 or 100 Mbps), SIA standard Wiegand/Clock-and-Data – two ports |
| Visual Indicators: | Power LED indicates that sufficient DC voltage is being provided to the unit. |
| Processor: | 32-bit RISC CPU, 100 MHz |
| Memory: | • 8 MB onboard Flash memory • 16 MB / 32 MB memory expansions available • 32 MB SDRAM • 256k SRAM |
| Certifications: | UL 294 and UL 1076 Recognized Component for the US, CSA 205 for Canada FCC Class A Verification EMC for Canada, EU (CE Mark), Australia (C-Tick Mark), New Zealand, Japan EN 50130-4 Access Control Systems Immunity for the EU (CE Mark) |