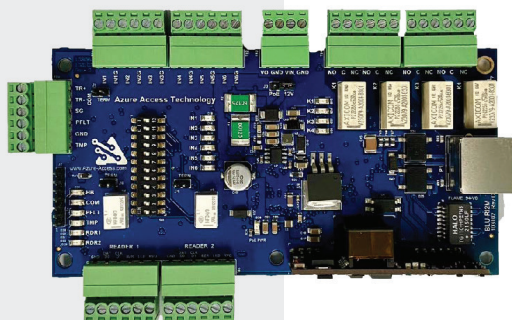




Serial

Reader Interface

# NOP-RI2MS

Downstream Reader Interface Panel



## NOP-RI2MS

### Downstream Reader Interface Panel

#### (2 Reader Ports, 6 Supervised Inputs, 4 Outputs)

The NOP-RI2MS extends your access control system by fully securing 2 doors. The NOP-RI2MS supports both Wiegand and OSDP readers in standalone or paired mode. All stored data and communications are encrypted. Offline Mode allows for uninterrupted access-control functionality.

### Device Key Features

- Highly Secure
  - Secure Boot
  - Firmware & Data Encrypted-at-rest
  - Fully encrypted communications
- Offline Mode with event buffer
  - Maintain access-control functionality when offline from controller
- 2 Reader Ports
- 6 Supervised Alarm Inputs
- 4 Relay Outputs
- Fuse-protected power distribution for readers and locks
- Status and Diagnostic LEDs

### Access Control Characteristics

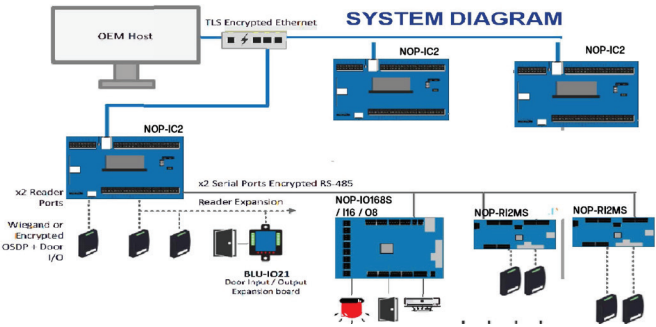
- Occupancy Management
- Elevator Control (Up to 128 Floors)
- Host-Controlled Access Request
- Keypad with Flexible Lengths



# NOP-RI2MS

Downstream Reader Interface Panel

## Specifications



| GENERAL                            |                                                                                                                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature              | -40°C~+80°C (-40°F~+176°F)                                                                                                                                                                             |
| Weight                             | 0.28lbs (126 Grams)                                                                                                                                                                                    |
| Dimensions                         | 5.4" x 2.75" x .88" (137.2mm x 69.9mm x 22.35mm)                                                                                                                                                       |
| Regulatory Compliance              | CE Compliant, UL 294, 294B, 2610, 1076, ULC / ORD C1076 & 60839-11-1, FCC Part 15 Class A RoHS                                                                                                         |
| SECURITY                           |                                                                                                                                                                                                        |
| Security                           | <ul style="list-style-type: none"> <li>Secure Boot</li> <li>Firmware &amp; Data Encrypted-at-rest</li> <li>OSDP Secure Channel with custom keys</li> <li>AES 128/256 - SHA256</li> </ul>               |
| ONBOARD I/O                        |                                                                                                                                                                                                        |
| Reader Ports                       | 2 - Reader Ports supporting Wiegand Readers or up to (2) OSDP Readers per port<br>Open-Collector Buzzer Output<br>(1) LED Control Signal<br>• 2-wire LED support when re-purposing buzzer              |
| Serial Port                        | 1 - Upstream, RS485 Serial Comm Ports <ul style="list-style-type: none"> <li>Multi-drop up to 16 IO and/or Reader Interface Boards</li> <li>9,600 to 115,200 baud</li> <li>2-Wire Interface</li> </ul> |
| Output                             | 4 - Form-C Relay Outputs 2A @ 30VDC MAX rating                                                                                                                                                         |
| Dip Switches                       | 1 - Dip Switch Bank for configuring Hardware Interfaces / Serial Comm                                                                                                                                  |
| Unsupervised Inputs                | 2 - Unsupervised Inputs for Cabinet Tamper & Power Failure                                                                                                                                             |
| Supervised Inputs                  | 6- Supervised or Unsupervised Configurable Inputs<br>Supervised high-precision inputs with hardware and software filtering to eliminate false alarms                                                   |
| POWER                              |                                                                                                                                                                                                        |
| Input Power (VIN)                  | 12VDC; 190mA typical MAX current Full Load Current (2.19A Max)                                                                                                                                         |
| Aux Power Output (Fuse Protected)  | VIN Passthrough : 1A Max Current                                                                                                                                                                       |
| Reader Port Power (Fuse Protected) | VIN Passthrough with 500mA Max per port,                                                                                                                                                               |
| ASSOCIATED PRODUCTS                |                                                                                                                                                                                                        |
| NOC-RIMP                           | Auxillary metal mounting bracket with standoffs designed for secure installation of the NOP-RI2MS in a standard triple-gang box<br>Dimensions of 5.5" x 3.63" x 0.5" (139.7mm x 92.2mm x 12.7mm)       |