

Serial

Reader Interface

NOP-RI2MS

Downstream Reader Interface Panel



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(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

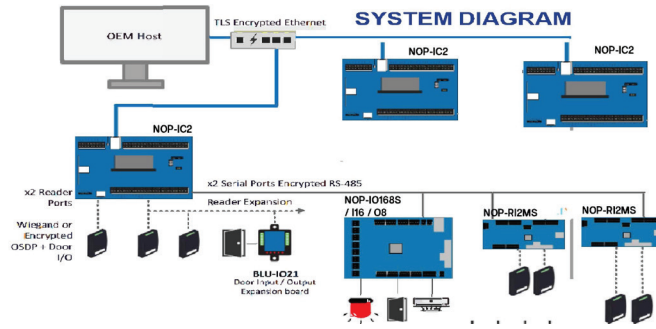
- Occupancy Management
- Visitors and Escorts
- Elevator Control (Up to 128 Floors)
- Host-Controlled Access Request
- Keypad with Flexible Lengths

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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"> • Secure Boot • Firmware & Data Encrypted-at-rest • OSDP Secure Channel with custom keys • AES 128/256 - SHA256
ONBOARD I/O	
Reader Ports	2 - Reader Ports supporting Wiegand Readers or up to (2) OSDP Readers per port Open-Collector Buzzer Output (1) LED Control Signal • 2-wire LED support when re-purposing buzzer
Serial Port	1 - Upstream, RS485 Serial Comm Ports • Multi-drop up to 16 IO and/or Reader Interface Boards • 9,600 to 115,200 baud • 2-Wire Interface
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 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 Dimensions of 5.5" x 3.63" x 0.5" (139.7mm x 92.2mm x 12.7mm)