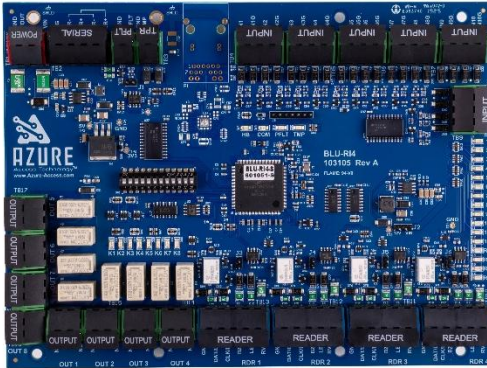




Serial

Reader Interface

NOP-RI4S

Downstream Reader Interface Panel



NOP-RI4S

Downstream Reader Interface Panel

(4 Reader Ports, 12 Supervised Inputs, 8 Outputs)

The NOP-RI4S extends your access control system by fully securing 4 doors. The NOP-RI4S 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
- 4 Reader Ports
- 12 Supervised Alarm Inputs
- 8 Relay Outputs
- Fuse-protected power distribution for readers and locks
- Status and Diagnostic LEDS

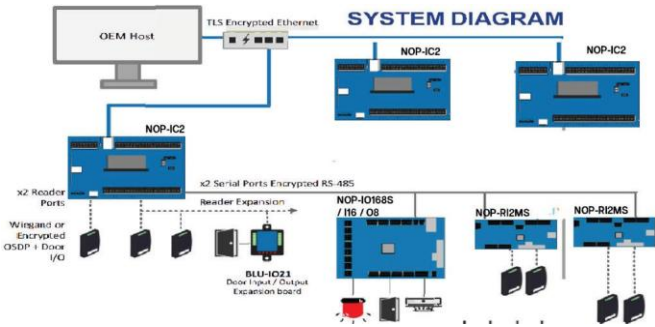
Access Control Characteristics

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

NOP-RI4S

Downstream Reader Interface Panel

Specifications



GENERAL	
Operating Temperature	-40°C~+80°C (-40°F~+176°F)
Weight	0.28lbs (126 Grams)
Dimensions	8" x 6" x .75" (203.2mm x 152.4mm x 19.05mm)
Regulatory Compliance	CE Compliant, UL 294, 294B, 2610, 1076, ULC / ORD C1076 & 60839-11-1, FCC Part 15 Class A RoHS
SECURITY	
Security	• Secure Boot • Firmware & Data Encrypted-at-rest • OSDP Secure Channel with custom keys • AES 128/256 - SHA256
ONBOARD I/O	
Reader Ports	4- 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	8- 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	12- Supervised or Unsupervised Configurable Inputs Supervised high-precision inputs with hardware and software filtering to eliminate false alarms
POWER	
Input Power (VIN)	12-24VDC; 310mA typical MAX current Full Load Current (3.32A Max)
Aux Power Output (Fuse Protected)	VIN Passthrough : 2A Max Current
Reader Port Power (Fuse Protected)	VIN Passthrough with 2A, 500ma Max per port,