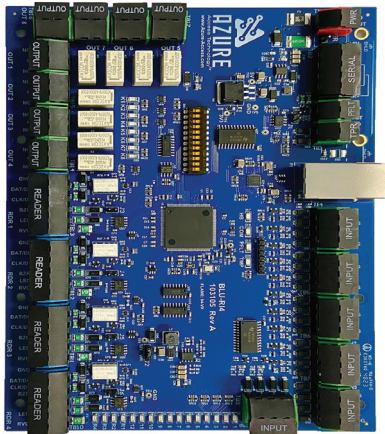


SPECIFICATION



NOP-RI4s

Downstream Reader Interface Board



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.

GENERAL	
Operating Temperature	-40°C~+80°C (-40°F~+176°F)
Weight	0.6lbs (272 Grams)
Dimensions	8" x 6" x .88" (203.2mm x 152.4mm x 22.35mm)
Regulatory Compliance	CE Compliant, UL 294, 294B, 2610, 1076, ULC / ORDC1076 & 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	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 rate • 2-Wire Interface
Dipswitch Bank	1 - Dip Switch Bank for configuring Hardware Interfaces & Serial Comms
Output	8 - Form-C Relay Outputs 2A @ 30VDC MAX rating
Unsupervised Inputs	2 - Unsupervised Inputs for Cabinet Tamper & Power Failure
Supervised Inputs	12 Supervised or Unsupervised Inputs • Supervised high-precision inputs with hardware and software filtering to eliminate false alarms
Expandable I/O Port	1- Plug-in Module Slot capable of adding 8 More Relay Outputs
POWER	
Input Power (VIN)	<ul style="list-style-type: none"> 12-24VDC; 310mA typical MAX current Full Load Current (3.32A Max) VIN pass-through with 500mA MAX per port
Reader Port Power (Fuse Protected)	12vDC Regulated with 1.2A combined MAX
AUX Port Power (Fuse Protected)	VIN pass-through 2A Max