

SECURITY DESIGNED WITH YOU IN MIND

BLU-IO168

Azure Access Technology BLU-IO168 Downstream Input/Output Board (16 Supervised Inputs & 8 Outputs)

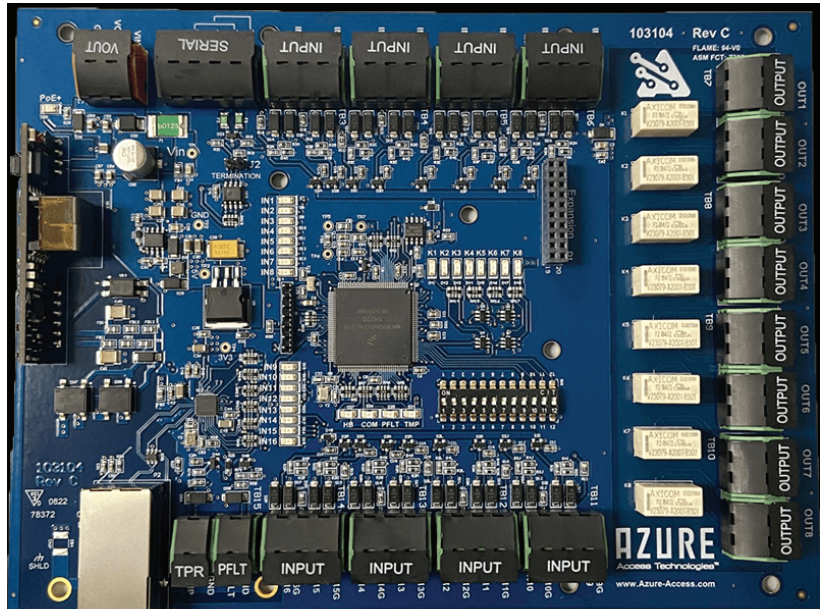


SECURITY

- TLSv1.2 A
- OSDP
- AES 128/256
- Encrypted Firmware

REGULATORY

- UL 294, UL294B, UL1076, UL2610 (Hardware)
- ULC/ORD C1076
- CE Compliant
- FCC Part 15 Class A
- RoHS



Extend your Access Control system with the Azure BLU-IO 168's 16 high precision sensor inputs and 8 relay outputs. The large number of inputs and outputs enables the full control of additional doors, monitoring extensive sensor networks and elevator control. The BLU-IO168 communicates with OSDP protocols, fully encrypted. Relative to the quantity of hardware interfaces, the BLU-IO168 consumes minimal power.

FEATURES

- FULLY ENCRYPTED COMMUNICATIONS**
 - > Whether network or serial, communication to Azure Intelligent Controllers (ICs) are secure.
- 16 FLEXIBLE ALARM INPUTS SCRIPTING**
 - > Supervised or Unsupervised
 - > Supports input-supervision values
- 8 RELAY OUTPUTS**
 - > Configurable pulse/activation times
- LED STATUS & DIAGNOSTICS**
 - > LEDs for all onboard activity and hardware interface statuses
 - > Visual diagnostics via LEDs
- ENERGY EFFICIENT**
 - > Low power consumption compared to other panels with similar hardware interfaces



12 Aqueduct Street, 3rd floor
Rochester, New York 14614
866 680.8346
info@go-mavin.com

go-mavin.com

MAVIN SECURITY MANAGEMENT PLATFORM



GENERAL INFORMATION

- ❑ INDUSTRIAL operation and storage temperature (-40°C to +85°C)
- ❑ 5% to 95% humidity
- ❑ Dimensions: 7.5in (190.5mm) x 5.5in (139.7mm) x 0.75in (19mm)
- ❑ Weight: 0.4 pounds (181.5 grams)

INPUT POWER

- ❑ 12-24 VDC; 200mA Max current
- ❑ Max current: 200mA board only

ONBOARD HARDWARE INTERFACES

- ❑ 16 Configurable Supervised/Unsupervised Inputs
- ❑ 8 Form-C Relay Outputs
 - > 2A @ 30VDC MAX rating
- ❑ 2 Unsupervised Inputs
 - > Cabinet Tamper
 - > Power Supply Fault
- ❑ Up to 1 Network Port
 - > 10/100 Fast Ethernet
- ❑ 1 Upstream RS485 Comm Port
 - > 9,600 to 115,200 baud
 - > 4-wire & 2-wire interface supported
- ❑ DIP switches for configuring hardware interfaces
 - > Configure input supervision type, serial com address, & baud rate.

- Full IO / Inputs only / Outputs only
- Ethernet / RS485

HIGH-PRECISION ALARM INPUTS
- Supervised Input circuitry is designed with application-specific components to maintain stability and reliability in even the most extreme conditions
- A combination of Software and Hardware filtering suppresses noise and eliminates false alarms!

SYSTEM DIAGRAM

