BLU-I16-N

AZURE
Access Technology™

Azure Access Technology BLU-I16N
Downstream Input Board (16 Supervised Inputs, Network Connection)

SECURITY

TLSv1.2 A

OSDP

AES 128/256

Encrypted Firmware

REGULATORY

UL 294, UL294B, UL1076, UL2610 (Hardware)
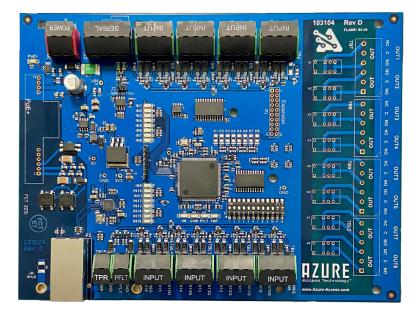
ULC/ORD C1076

CE Compliant

FCC Part 15 Class A

RoHS

MAVIN
T E C H N O L O G I E S

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Extend your Access Control system with the Azure BLU-I 16N's 16 high precision sensor inputs. The large number of inputs enables the full control of additional doors, monitoring extensive sensor networks and elevator control. The BLU-I16N communicates with OSDP protocols, fully encrypted. Relative to the quantity of hardware interfaces, the BLU-I16N 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

☐ **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

MAVIN SECURITY
MANAGEMENT PLATFORM

MAVIN
TECHNOLOGIES

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
☐ 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

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