

# AIA1800-200 UltraSpeed™ Industrial Ethernet NetBridge™

## SPECIFICATIONS\*

### Compliance:

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX

### Frequency Band:

- 2MHz ~ 32MHz

### Interface:

- IP-67 RJ-45 Connector
- Micro Type M12 Male Connector or Terminal Strip

### Access Methods:

- TDMA

### Encryption:

- 168-bit Tri-DES algorithm

### Nodes:

- Supports up to 15 nodes per network domain

### Mechanical:

- W x D x H : 1.3 x 3.2 x 3.1 inch / 34 x 82 x 80 mm
- Weight : 0.6 lb / 260 g

### LED:

- Power LED ( PWR ): Green  
On: Power On Off: Power Off
- Status LED ( NET ): Application Bandwidth :
  - Blue ( Best ) On : Link speed over 12 Mbps
  - Purple ( Good ) On : Link speed between 6-12 Mbps
  - Amber ( Poor ) On : Link speed under 6 MbpsBlink : Activity
- Ethernet Ports ( LNK/ACT ) : Green  
On : Link Blink : Activity

### Environmental:

- Temperature
  - Operating : -20 ~ +70°C / -4 ~ +158°F
  - Storage : -40 ~ +85°C / -24 ~ +185°F
- Humidity
  - Operating : 0 ~ 95% RH (non-condensing)
  - Storage : 0 ~ 95% RH (non-condensing)

### Power Supply:

- Input rating : 24VDC, 0.25A

### Surge Protection:

- 2KV, IEC 61000-4-5

### EMC/ Safety Certification:

- FCC Part 15, Subpart B
- UL,CUL/CB Scheme
- CE

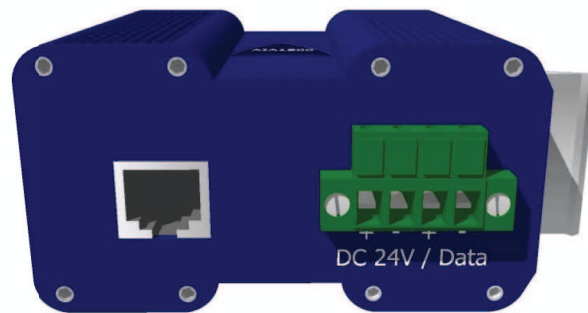
## ORDERING INFORMATION

AIA1800-200-04: Terminal Strip Connector

AIA1800-200-05: M12 Micro Male Connector



Front Panel



AIA1800-200-04 with Terminal Strip Connector



AIA1800-200-05 with M12 Micro Male Connector

\*Specifications subject to change without notice.

