

# UltraSpeed™ CoaxLine Quad Ethernet NetBridge™

## APL2400-200



## 200Mbps UltraSpeed™ Networking Connectivity Through Coaxial Cables

### FEATURES & BENEFITS

- Four shielded RJ-45 MDI/MDIX auto detect Ethernet ports
- Up to 200Mbps speed over the existing coaxial cables
- Integrated Quality of Service (QOS) allows reliable triple play applications
- Reliable and cost effective network
- Supports up to sixteen APL2400-200 devices on one network domain
- 168-bit Tri-DES encryption for secure data transmission
- Network segmentation through network identifier
- Ident-and-Connect™ feature allows ease of network scan and network segmentation
- Web based configuration
- Up to 2.5 KM of operational distance
- Compliance with IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX , UPA

### OVERVIEW

The Aboundi APL2400-200 UltraSpeed™ CoaxLine Quad Ethernet NetBridge™ allows utilizing the coaxial cable lines already deployed in a building as the network infrastructure connections. The APL2400-200 provides reliable network quality and enables IP Camera, Video Server, POS machine, Media Converter, Printers, Digital Signage and Network Equipments for easy broadband access in a tight cluster space.

The APL2400-200 NetBridge™ can be quickly installed for commercial applications require high bandwidth and critical demand of reliable network connection (QOS). This networking group can be easily reallocated without the need to rewire “home run” Ethernet drops to such cluster group locations.

The APL2400-200 NetBridge™ is designed specifically for small cluster networking applications by providing four MDI/MDIX auto detect RJ-45 ports that can connect to any 10/100Mbps Ethernet ports on the computer and other peripheral devices such as IP Camera, monitors, serial control servers and etc.



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## SPECIFICATIONS\*

### Compliance:

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

### Frequency Band:

- 2MHz ~ 34MHz

### Interface:

- Four shielded RJ-45 Connectors
- One 200Mbps F-Type Connector

### Access Methods:

- CSMA, TDMA

### Encryption:

- 168-bit Tri-DES algorithm

### Security:

- VLAN

### QOS:

- VLAN IEEE802.1 p/q

### Nodes:

- Supports up to sixteen APL2400-200 per network domain

### Mechanical:

- W x D x H : 102 x 30 x 120 mm / 4 x 1.2 x 47.5 inch
- Weight : 390 g (0.9 lb)

### LED:

- Power LED: Green ( PWR )  
On: Power On Off: Power Off
- Status LED:  
Powerline :  
Blue ( LNK/ACT ) On : Link speed over 12 Mbps  
Purple ( LNK/ACT ) On : Link speed between 6-12 Mbps  
Amber ( LNK/ACT ) On : Link speed under 6 Mbps  
Blink : Activity  
Ethernet Ports : Green ( LNK/ACT Ports 1-4 )  
On : Link Blink : Activity

### Environmental:

- Temperature  
Operating : 0 ~ +50°C / +32 ~ +122°F  
Storage : -25 ~ +60°C / -13 ~ +140°F
- Humidity  
Operating : 10 ~ 90% RH (non-condensing)  
Storage : 0 ~ 95% RH (non-condensing)

### Power Supply:

- Input rating : AC100~240V, 50/60 Hz, 0.15A

### EMC/ Safety Certification:

- FCC Part 15, Subpart B, Class B
- CE Class B
- UL, cUL

### ORDERING INFORMATION

APL2400-200-01: 110 VAC Plug

APL2400-200-02: 220 VAC Plug

APL2400-200-03: 220 VAC UK Plug

