

Wireless N/A 5GHz 200mW Outdoor AP Bridge w/15dBi Antenna

Model: APO1215



FEATURES:

- Highest data rate of up to 300Mbps* with IEEE 802.11n draft 2.0 standard
- High power 200mW with 15dBi Directional High Gain Antenna for extra long range access (Data rate can still reach 50Mbps @ 2 miles*)
- IP 67/ 68 industrial level weather proof housing — Diecast Watertight Housing
- Integrated Power over Ethernet (PoE)
- Functions:
 - ◆ Access Point: can be deployed as a traditional fixed wireless Access Point
 - ◆ WDS: expands wireless service with WDS Link
 - ◆ CPE (Customer Premises Equipment): connects to a Wireless Internet Service Provider's (WISP) and functions as a wireless gateway with NAT and DHCP Server enabled.
 - ◆ Universal Repeater: extends the range of your wireless network while simultaneously allowing wired and wireless clients to access

Wireless N/A 5GHz 200mW Outdoor AP Bridge

Model: APO1200



FEATURES:

- Highest data rate of up to 300Mbps* with IEEE 802.11n draft 2.0 standard
- High power 200mW for extra long range access (Data rate can still reach 50Mbps @ 2 miles*)
- Built-in 2 **N-Female** Antenna connectors for external antenna gain
- IP 67/ 68 industrial level weather proof housing — Diecast Watertight Housing
- Integrated Power over Ethernet (PoE)
- Functions:
 - ◆ Access Point: can be deployed as a traditional fixed wireless Access Point
 - ◆ WDS: expands wireless service with WDS Link
 - ◆ CPE (Customer Premises Equipment): connects to a Wireless Internet Service Provider's (WISP) and functions as a wireless gateway with NAT and DHCP Server enabled.
 - ◆ Universal Repeater: extends the range of your wireless network while simultaneously allowing wired and wireless clients to access

Other Specifications:

Standards

- IEEE 802.11a / n
- IEEE 802.3, 802.3u compliant

Frequency Range

- 5GHz

Interface

- 1 x 10/100Mbps Ethernet port with weather-proof connector (Power Over Ethernet)
- Reset Button

Antenna Type

- Built-in 2 x N-Female connectors (APO1200)
- Built-in 15dBi Directional Antenna (APO1215)

Security

- WPA / WPA2-PSK
- WEP 64 / 128bit
- EAP, PEAP, 802.11i
- Radius Server
- VLAN Assignment on BSSID

Data Transfer Rate

- IEEE802.11a: 6,9,12,18,24,36,48,54Mbps (auto sensing)
- IEEE801.11n(draft 2.0): 300Mbps

Frequency Range

- IEEE802.11a: 5.150~5.350 & 5.725~5.825 GHz(USA)
- IEEE802.11n: 5.150~5.350 & 5.725~5.825 GHz(USA)

RF Output Power

- 200mW

Transmit Power

- 23dBm

Receive Sensitivity

- -97dBm

Temperature

- Operating: -30 °C ~ 60 °C
- Storage: -30 °C ~ 85 °C

Humidity

- Operating: 100% Non-Condensing
- Storage: 100% Non-Condensing

LEDs

- Power, LAN, WLAN

Power Supply

- DC Output : 48V VDC, 0.4A input (PoE Power Injector)
- AC Input : 110-220V

Unit Weight

- 0.68 kg

Unit Dimensions

- 157(L) x 96(W) x 45(H) mm

Form Factor

- Wall Mount and Pole Mount Ability, Die-Cast aluminum Enclosure with IP67/68 Rating

Package Contents

- Outdoor AP/Bridge
- Ethernet Passive Power Injector and Power cord
- Manual CD
- Quick Installation Guide
- Wall/Pole Mounting Bracket

Warranty

- Limited 1-year warranty

Certification

- FCC, CE

UPC Code

- 6 58729 08 191 8 (APO1200)
- 6 58729 08 190 1 (APO1215)

*Theoretical maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, mix of wireless products used, radio frequency interference (e.g., cordless telephones and microwaves) as well as network overhead lower actual data throughput rate. Compatibility with 802.11n devices from other manufactures is not guaranteed. Specifications are subject to change without notice. Photo of product may not reflect actual content. All products and trademarks are the property of their respective owners. Copyright ©2010 Airlink101®