WIRELESS

TEW-212APBO
11Mbps High Gain Outdoor Wireless AP Bridge with Router

TRENDnet's TEW-212APBO Wireless Access Point Bridge with Router performs Access Point, Access Point Router, and Wireless Bridging functions all in one device. TEW-212APBO is compliant with IEEE 802.11b and supports 64/128-bit WEP encryption. The unit's housing is weatherproof for indoors/outdoors applications to increase wireless communication distance, giving the network flexibility to extend between buildings. TEW-212APBO is easily accessible and configurable via FTP, SNMP, Telnet or Web-Based management tools. With TRENDnet's TEW-212APBO, users can connect to Ethernet/Fast Ethernet LAN at home or office to access network resources or share an Internet connection with coverage up to 3.5 Km.

FEATURES

- Complies with IEEE 802.11b 2.4GHz DSSS 11Mbps Wireless Standard
- Supports AP, Station Bridge (AP Client), AP Router, and AP Bridge modes
- DHCP Server and Client modes
- Build-in 10dBi High Gain Flat Panel Antenna
- Provides wireless security with 64-bit/128-bit Wired Equivalent Privacy (WEP) and Access Control List
- Adjustable radio output power (10, 13, 16, or 20 dBm)
- Signal Strength LED indicators (AP Client Mode only)
- Local/Remote Management via SSH, SNMP (Bridge MIB, Ethernet MIB, MIB II, Private MIB), Telnet and Web Browser (HTTPS)
- Firewall (with Port Forwarding) provides security in Router Mode
- Includes many useful "System Tools" such as, Connected Client List, Loopback Test (determines bandwidth of a particular end point), Site Survey, Wireless Traffic Monitor, Firmware Upgrade, Device Reboot, and Device Reset.
- IP66 compliant weatherproofed housing with built-In heater for outdoor applications
- IEEE 802.3af Power-Over-Ethernet (POE)
- 3-Year Warranty

BENEFITS

Integration Friendly:
Supports Ethernet/Fast Ethernet Network and Web Browser configuration for fast and easy configuration. Power-Over-Ethernet unit supplies the electricity over Ethernet cable.

Performance:
Effective built-in 10dBi directional antenna for wireless inter-building network bridging or Internet "Hot-Spot" applications.

Flexible:
Works as stand-alone AP, AP Bridge, AP Client, or AP Router.

Security:
Provides 64-bit or 128-bit WEP Encryption, Access Control List, and Firewall.

SPECIFICATIONS

Wireless LAN Interface

Standards:
- IEEE 802.11b Wireless LAN (DSSS 2.412 ~ 2.4835 GHz ISM Band)

Protocol:
- CSMA/CA with ACK

Channels:
- 14 Channels with pre-programmed domain selections to support worldwide requirements

Data Rate:
- 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps (auto-fallback)

Operating Mode:
- Default: AP, AP Router or Bridge modes
- Optional (requires firmware upload): Station Bridge (AP Client) and Station Router (AP Client with Router)

Security:
- 64-bit & 128-bit WEP Encryption, Access Control List (using MAC Address)

Antenna:
- Flat Panel 10dBi, 45° Vertical/Horizontal pattern

RSSI Indicators:
- 10 LEDs for Receiver Signal Strength Indication in Station (AP Client) Mode

Transmit Power:
- 20 ± 1dBm. (adjustable to 10, 13, or 16 dBm. Chinese domain is fixed to 10 dBm)

Receive Sensitivity & Modulation Tech.:
- 11Mbps: -82dBm @10–5 BER CCK,
- 5.5Mbps: -84dBm @10–5 BER CCK,
- 1Mbps: -90dBm @10–5 BER DBPSK

Wired LAN Interface

Standards:
- IEEE 802.3 (10Base-T) and IEEE 802.3u (100Base-TX)

Port:
- 10/100Mbps, Half-/Full-duplex Auto-Negotiation

LED Indicator:
- Power, Wireless, LAN

Power Supply:
- 100~230VAC to 5VDC 1.5A Power Adapter, 3W max. with Power-Over-Ethernet

Dimensions:
- 180 x 160 x 58 mm (7.1 x 6.3 x 2.3 inches)

Weight:
- approx. 1.1Kg (2.95 lb) with mounting hardware

Operating Temperature:
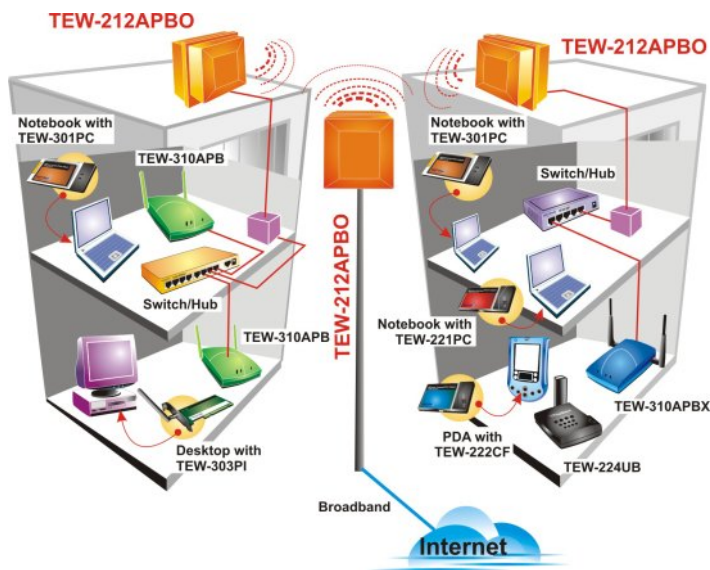- -20°C ~ 65°C (-4°F ~ 149°F)

Humidity:
- 95% (non-condensing)

Certifications:
- FCC, CE

ISO9001

NETWORKING SOLUTIONS

PRODUCT INFORMATION

- **TEW-212APBO:** 11Mbps High Gain Outdoor Wireless AP Bridge with Router
- **TEW-310APBX:** 11/22Mbps Wireless Access Point + Bridge (with detachable antennas)
- **TEW-311BRP:** 11/22Mbps Wireless AP Router with 4-Port Switch

ORDERING INFORMATION

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