



## **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
- ...> 3-Year Warranty

...>

### **BENEFITS**

- ...> **Security:**  
Provides 64-bit or 128-bit WEP Encryption, Access Control List, and Firewall.
- ...> **Flexible:**  
Works as stand-alone AP, AP Bridge, AP Client, or AP Router.
- ...> **Performance:**  
Effective built-in 10dBi directional antenna for wireless inter-building network bridging or Internet "Hot-Spot" applications.
- ...> **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.



# TEW-212APBO

## 11Mbps High Gain Outdoor Wireless AP Bridge with Router

### 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:

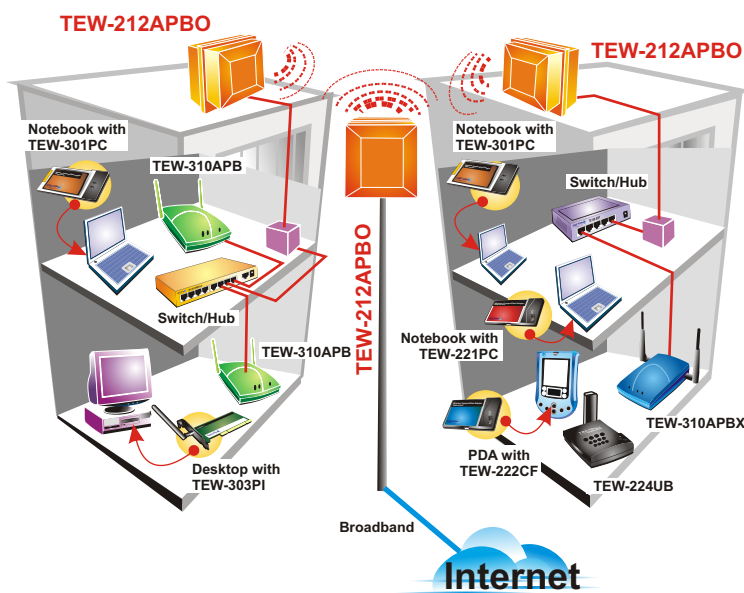
- 95% (non-condensing)

#### Certifications:

- FCC, CE



### NETWORKING SOLUTIONS



### RELATED PRODUCT

- **TEW-413APBO:** 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

NOTE: For optimal results in extending your wireless range with wireless antenna installations, we recommended that you consult a professional installer for site survey, safety precautions, and proper installation.

### ORDERING INFORMATION

**TRENDware International, Inc.**  
3135 Kashiwa Street  
Torrance, CA. 90505. USA  
Tel: 310-891-1100  
Fax: 310-891-1111  
Web: [www.TRENDNET.com](http://www.TRENDNET.com)  
Email: [sales@trendware.com](mailto:sales@trendware.com)

**To Order Please Call:**  
**1-888-326-6061**

**TRENDnet**  
TRENDware, USA