



## **TEW-511BRP** **108Mbps 802.11a+g Wireless AP Router**

The TRENDnet TEW-511BRP Dual-Band 802.11 a+g Wireless Router combines features from a wired router and wireless access point to create an all-in-one network solution for home or small office. Wireless clients equipped with the TEW-501PC 802.11a/g adapter can take advantage of Super A+G technology by using frame bursts, fast frames, frame compression, and dynamic turbo to reach speeds up to 108 Mbps. A built-in 4 port switch connects wired workstations to your network while the access point connects standard 802.11a/b/g wireless clients. TEW-511BRP's is an ideal appliance for sharing Internet access and network resources. The TEW-511BRP firewall protects your network from hackers while WEP and WPA encryptions safe guard wireless transmission.



### **FEATURES**

- ... Uses 2.4 GHz ISM Frequency Band, Wi-Fi Compliant with IEEE 802.11g and 802.11b Devices
- ... 4 x 10/100Mbps Auto-MDIX LAN Ports and 1 x 10/100Mbps WAN Port (Internet)
- ... Supports Cable/DSL Modems with Dynamic IP, Static IP, PPPoE, or PPTP Connection Types
- ... Supports Super G technology Data Rate up to 108Mbps
- ... Compliant with Windows 95/98/NT/2000/XP, Linux and Mac OS
- ... DHCP Server Feature Allocates up to 253 Client IP Addresses
- ... 64/128/152-bit WEP, WPA (Pre-Shared Key or RADIUS) supports TKIP or AES Algorithm
- ... Supports MAC Address, IP, and Protocol Filters  
Traffic Control with Virtual Server and DMZ
- ... Provides Additional Security of Enable/Disable SSID, Password Protection
- ... Supports Static/Dynamic Routing and Dynamic DNS
- ... Supports Multiple and Concurrent IPsec and PPTP VPN Pass-Through Sessions
- ... Flash Memory for Firmware Upgrade, Save/Restore Settings, and Traffic Log
- ... Easy Management via Web Browser (HTTP) and Remote Management
- ... Range for Indoor of 30 ~ 50 meters (depends on the environment)
- ... Range for Outdoor of 50 ~ 100 meters (depends on the environment)
- ... 3-Year Warranty



# TEW-511BRP

## 108Mbps 802.11a+g Wireless AP Router

### SPECIFICATIONS

#### HARDWARE

##### Standards:

- Wired: IEEE 802.3 (10Base-T), and IEEE 802.3u (100Base-TX)
- Wireless: IEEE 802.11b (11Mbps), IEEE 802.11g (54Mbps), 802.11a (54Mbps)

##### WAN:

- x 10/100Mbps Auto-MDIX Port (Internet)

##### LAN:

- 4 x 10/100Mbps Auto-MDIX Ports

##### Connection Type:

- Dynamic IP, Static (Fixed) IP, PPPoE, PPTP

##### Advance Features:

- DHCP Client/Server, NAT, PPPoE Client, DNS Proxy/Relay, Dynamic DNS, DMZ Hosting, UPnP, VPN pass-through, NTP, TFTP Server, Configuration Backup and Restore

##### Protocol Support:

- PPP, IP Routing, IGMP, RIP1/2

##### LED Indicator:

- Power, DMZ, 11a, 11g, LAN, Internet

##### Dimension (L x W x H):

- 198 x 160 x 33 mm (7.8 x 6.3 x 1.2inches)

##### Weight:

- 0.7kg (1.54 lbs)

##### Temperature:

- Operation: 0°~ 40°C (32°F~ 104°F)
- Storage: -20°~ 70°C (-4°F~ 158°F)

##### Humidity:

- Max. 90% (Non-Condensing)

##### Power Adapter:

- 12V DC, 1A External Power Adapter

##### Certification:

- FCC & CE



##### WIRELESS

##### Frequency:

- 802.a: UNI-Band 5.15 ~ 5.85 GHz
- 802.11b/g: ISM 2.412 ~ 2.4835Ghz

##### Module Technique:

- 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
- 802.11g: OFDM

##### Media Access Protocol:

- CSMA/CA with ACK

##### Antenna:

- 802.11a: 3dBi (Peak Gain)
- 802.11b/g: 2dBi (Peak Gain)

##### Security:

- 64/128/152-bit WEP & WPA
- 802.1X (EAP-MD5/TLS/TTLS)
- SSID Broadcast Control, MAC Filter, IP Filter, Content Filter
- Dos Prevention, Time-of-Day ACL

##### Transmit Power:

- 802.11a: 18dBm (typically)
- 802.11b: 22dBm (typically)
- 802.11g: 20dBm (typically)

##### Data Rate:

- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
- 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
- Super AG: 108Mbps

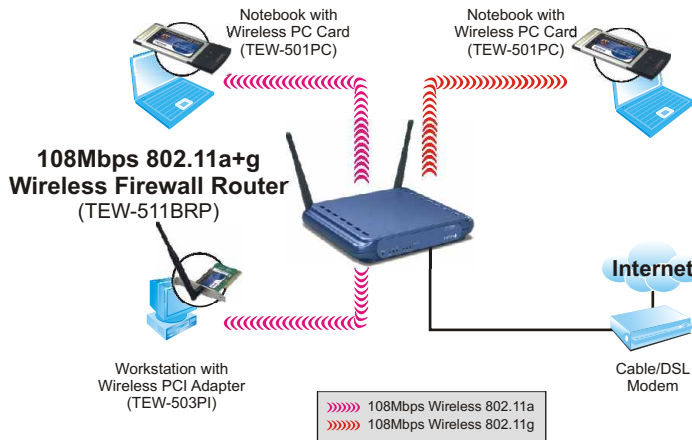
##### Receiving Sensitivity:

- 802.11a/b/g) 108Mbps 10 – 5 BER @ -69 dBm (Turbo Mode)
- 54Mbps 10 – 5 BER @ -72 dBm
- 11Mbps 10 – 5 BER @ -89 dBm

##### Channels:

- 11 Channels (US), 13 Channels (EU)

### NETWORKING SOLUTIONS



### RELATED PRODUCT

- **TEW-501PC**  
108Mbps 802.11a/g Wireless CardBus PC Card
- **TEW-503PI**  
108Mbps 802.11a/g Wireless PCI Adapter
- **TEW-504UB**  
108Mbps 802.11a/g Wireless USB 2.0 Adapter
- **TEW-510APB**  
108Mbps 802.11a+g Wireless Access Point

### 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**