



## **TEW-410APBplus** **125Mbps 802.11g Wireless Access Point**

TRENDnet's TEW-410APBplus 125Mbps Wireless Access Point is today's link between wired and wireless networks. Compliant with the most advanced IEEE 802.11g and 802.11b wireless networking standards; it provides Direct Sequence Spread Spectrum (DSSS) operation for transparent bridging and roaming capabilities for wireless nodes. The TEW-410APBplus also provides AP-to-AP bridging functions, allowing users to connect two or more Access Points together, wirelessly. With TRENDnet's Wireless Access Point and Wireless Network Adapters, users can connect to Ethernet/Fast Ethernet LAN at home or office to access network resources such as hard drives, CD-ROM/DVD drives, network printers, and Internet connection.



### **FEATURES**

- ...→ Uses 2.4 GHz ISM Frequency Band, Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Devices
- ...→ Provides Wireless Data Rate of up to 125 Mbps with Automatic Fallback (Afterburner Technology)
- ...→ 125Mbps Afterburner Technology (in Access Point Mode only)
- ...→ Supports Access Point and Access Point Client Modes
- ...→ Wireless Distribution System (WDS) supports Wireless Bridging and Repeater Modes
- ...→ 64/128-bit Wired Equivalent Privacy (WEP) with ASCII, HEX, or Passphrase Key
- ...→ WPA (Pre-Shared Key or RADIUS) supports TKIP or AES Algorithm
- ...→ MAC Address Filter for Preventing or Permitting Wireless Connections (40 entries)
- ...→ Allows Users to Enable/Disable ESSID Broadcast for Improved Protection
- ...→ Detachable 3dBi Dipole Antenna, can be replaced with optional High-Gain antenna to extend the range
- ...→ Easy Web Browser (HTTP) Configuration and Maintenance
- ...→ Flash Memory for Firmware Upgrade and Save/Restore Settings
- ...→ Range for 802.11b: up to 35~60 meters indoor, 300 meters outdoor
- ...→ Range for 802.11g: up to 20 meters indoor, 50 meters outdoor
- ...→ 3-Year Warranty

### **BENEFITS**

- ...→ **Integration Friendly:**  
Supports both Ethernet (10Mbps) and Fast Ethernet (100Mbps), with Web Browse configuration for fast and easy Configuration
- ...→ **Economical:**  
Attaches to Ethernet network at anytime to add wireless users on the network. Save time, labor and material for network cable
- ...→ **Installation Flexible:**  
Works as Access Point, Access Point Client, Bridge or Repeater
- ...→ **Security:**  
Provides 64/128-bit WEP Encryption, WPA and MAC Address Access Control Cost
- ...→ **Effective:**  
One unit provides multiple wireless connections to wired LAN

# TEW-410APBplus

## 125Mbps 802.11g Wireless Access Point

### SPECIFICATIONS

#### HARDWARE

##### Standards:

- Wired: IEEE 802.3 (10Base-T), and IEEE 802.3u (100Base-TX)
- Wireless: IEEE 802.11b (11Mbps), IEEE 802.11g (54Mbps) and High Speed-G (125Mbps)

##### Protocols:

- TCP/IP, IPX/SPX, NetBEUI

##### LAN:

- 1 x 10/100Mbps Auto-MDIX Port

##### LED Indicator:

- Power, Active, WAN, LAN1, LAN2, LAN3, LAN4

##### Antenna:

- 1 x 3dBi External Detachable Dipole Antenna

##### Reset Button:

- Reset settings to factory default

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

- 142 x 101 x 36.9 mm (5.6 x 4 x 1.45 inches)

##### Weight:

- 0.33kg (11.6 oz.)

##### Temperature:

- 0°~ 40°C (32°F~104°F)

##### Humidity:

- Max. 90% (non-condensing)

##### Power Adapter:

- Input: AC 100~ 240V, 0.35V, 50Hz~60Hz

##### Output:

- 5V DC, 2A

##### Certification:

- FCC & CE



#### WIRELESS

##### Frequency:

- 2.4 to 2.4385GHz (Industrial Scientific Medical Band)

##### Module Technique:

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

##### Media Access Protocol:

- CSMA/CA with ACK

##### Security:

- 64/128bit WEP, WPA, Enable/Disable SSID, Password Protection

##### Transmit Power:

- 15 dBm ± 1dBm

##### Operation Modes:

- AP, Bridge, Repeater and AP-Client

##### Data Rate:

- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
- 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
- High Speed-G: 125Mbps (Afterburner technology, Enhanced Throughput by up to 40%)

##### Receiving Sensitivity:

- 11Mbps 10 – 5 BER @ -80 dBm (typical)
- 54Mbps 10 – 5 BER @ -65 dBm (typical)

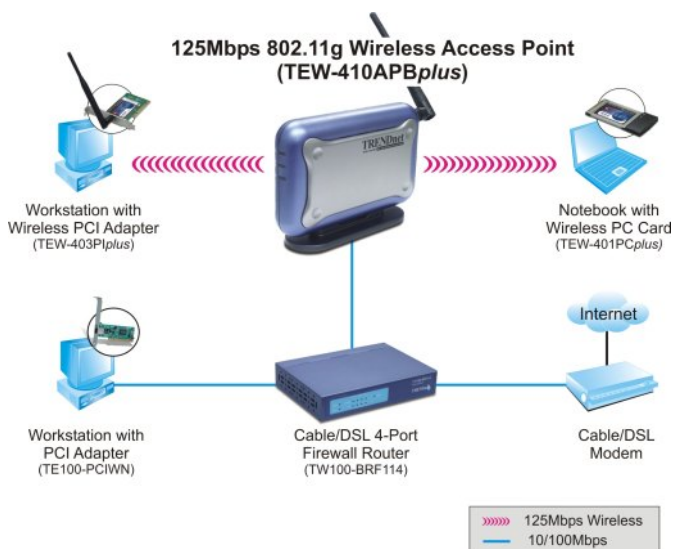
##### Operating Range:

- 802.11b: 11Mbps up to 35~60 meters (indoor), 300 meters (outdoor)
- 802.11g: 54Mbps up to 20 meters (indoor), 50 meters(outdoor)

##### Channels:

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

### NETWORKING SOLUTIONS



### PRODUCT INFORMATION

- ➔ **TEW-401PCplus:**  
125Mbps 802.11g Wireless PC Card
- ➔ **TEW-403PIplus:**  
125Mbps 802.11g Wireless PCI Network Adapter
- ➔ **TEW-410APBplus:**  
125Mbps 802.11g Wireless Access Point + Bridge + Repeater
- ➔ **TEW-411BRPplus:**  
125Mbps 802.11g Wireless Broadband Router
- ➔ **TEW-PS1U:**  
11Mbps Wireless USB port Multi-Protocol Print Server

### ORDERING INFORMATION

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**To Order Please Call:**  
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