



## 54Mbps 802.11g Wireless PoE Access Point TEW-434APB

TEW-434APB Wireless PoE Access Point is today's link to Wireless Technology. Compliant with the IEEE Wireless Networking Standard 802.11g, it provides Direct Sequence Spread Spectrum (DSSS) operation for transparent bridging and roaming capabilities for wireless nodes. The TEW-434APB also provides WDS bridging functions, allowing users to connect two or more Access Points together, wirelessly. With this Wireless Access Point and Wireless Network Adapters, users can connect to Ethernet/Fast Ethernet LAN at home or office to access network resources with coverage up to 300 meters.

### FEATURES

- Operates as Access Point, AP Client, WDS Wireless Bridging, or Repeater modes
- Power over Ethernet (PoE) IEEE 802.3af support
- Provides Security with 64/128-Bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- WDS Security supports 64/128-Bit WEP, WPA-PSK/WPS2-PSK
- Supports 802.1x Authentication and MAC Address Control for Authorization Access (20 entries)
- Allow users to Disable ESSID Broadcast to Increase Wireless Security
- Built-in 10/100Mbps Auto-Sensing Fast Ethernet PoE Port
- Dynamic Data Rate Scaling at 54, 48, 36, 24, 18, 12, 9 and 6 Mbps for 802.11g
- Dynamic Data Rate Scaling at 11, 5.5, 2 and 1 Mbps for 802.11b
- Allow Auto Fallback Data Rate for Optimized Reliability, Throughput and Transmission Range
- 2dBi Detachable Diversity Antenna. Replace with Optional High-Gain Antenna to Extend the Range/Coverage Area.
- Easy Configuration and Maintenance with Web Browser (HTTP)
- Flash Memory for Firmware Upgrade and Save/Restore Settings
- Supports Most Operating Systems, such as Windows 95/98/ME/NT/2000/XP, Unix and Mac
- Distance coverage 50 to 100 meters indoor, 100 to 300 meters outdoor depending on the environment
- 3 year limited warranty

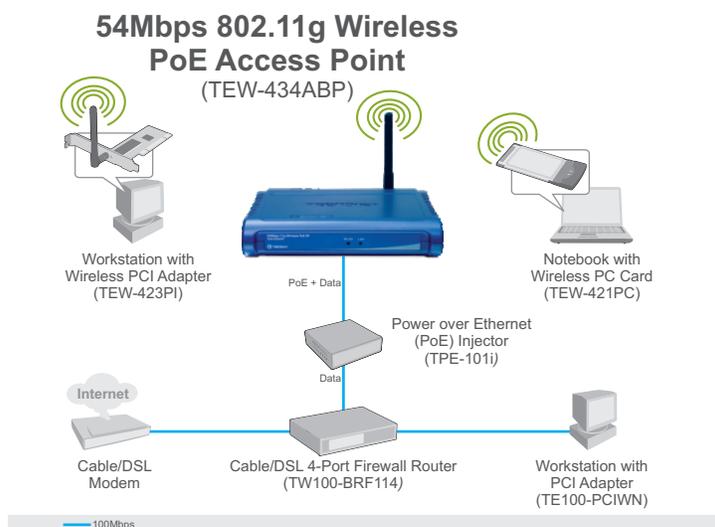
# 54Mbps 802.11g Wireless PoE Access Point

## TEW-434APB

### SPECIFICATIONS

Hardware	
Standards	• IEEE 802.11b/g (Wireless LAN) • IEEE 802.3u (Fast Ethernet) • IEEE 802.3af PoE
Media Connector	• 10/100Mbps, Half/Full Duplex
LED Indicators	• WLAN, LAN
Power	• 7.5V DC, 1A External Power Adapter • 48V DC from PoE source via Ethernet Port
Dimensions	• 150 x 110 x 30 mm (5.9 x 4.3 x 1.2 inches) (without antenna)
Weight	• 226g. (8 oz.)
Temperature	• Operating: -0° ~ 40° C (32° ~104° F); Storage: -25° ~ 70° C (-13° ~ 158° F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC
Wireless	
Frequency Range	• 2.412 ~ 2.484 GHz
Modulation	• 802.11b: DSSS • 802.11g: DBPSK/DQPSK/CCK/OFDM
Protocol	• CSMA/CA with ACK
Data Rate (Auto Fallback)	• 802.11b: 11, 5.5, 2 and 1Mbps • 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps
Operating Modes	• AP, AP Client, WDS, AP+WDS or Repeater Modes
Channel	• 1~ 11 Channels (US) 1~13 Channels (EU)
Security	• 64/128-Bit WEP (Hex/ASCII), WPA/WPA2 (802.1x) • WPA-PSK/WPA2-PSK • MAC Address Filter • SSID Broadcasting Control
Antenna	• 1 x 2dBi Detachable Diversity Antennas with Female Reverse SMA Connector
Output Power	• 13 dBm (min)
Transmit Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical)
Receiving Sensitivity	• 11Mbps 8% PER @ -78dBm (typical) • 54Mbps 10% PER @ -68dBm (typical)

### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TEW-434APB
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power Adapter (7.5V, 1A)

### RELATED PRODUCTS

<b>TEW-421PC</b>	54Mbps 802.11g Wireless PC Card
<b>TEW-423PI</b>	54Mbps 802.11g Wireless PCI Adapter
<b>TEW-424UB</b>	54Mbps 802.11g Wireless USB 2.0 Adapter

### ORDERING INFORMATION

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