



## 54Mbps 802.11g Wireless Access Point TEW-430APB [c1]

TEW-430APB Wireless 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-430APB 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 or WDS Wireless Bridging/Repeater mode
- Provides Security with 64/128-Bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Supports 802.1x Authentication and MAC Address Control for Authorization Access (20 entries)
- Supports Most Operating Systems, such as Windows 95/98/ME/NT/2000/XP, Unix and Mac
- Allow Users to Disable ESSID Broadcast to Increase Wireless Security
- Built-in 10/100Mbps Auto-Sensing Fast Ethernet 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
- Distance coverage 50 to 100 meters indoor, 100 to 300 meters outdoor depending on the environment
- 3 Year limited Warranty

### NEW IMPLEMENTS

- RoHS compliant
- New Housing
- New Standard GUI
- Add McAfee Bonus
- Chipset > Realtek 8186+8225

# 54Mbps 802.11g Wireless Access Point

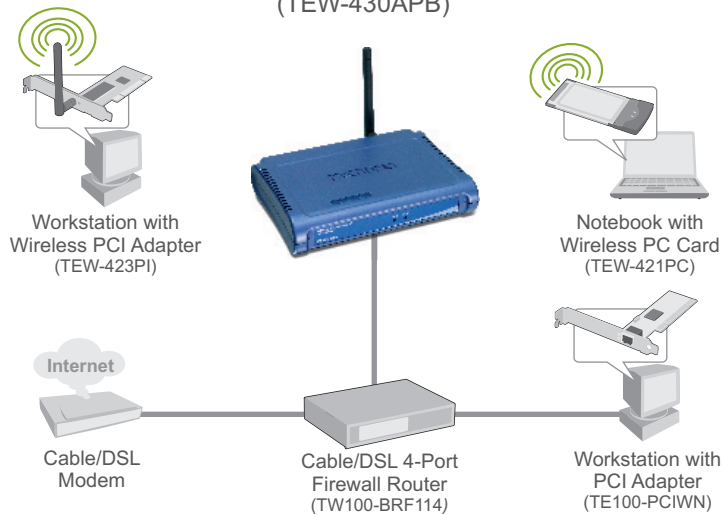
## TEW-430APB

### SPECIFICATIONS

Hardware	
Standards	• IEEE 802.11g (Wireless LAN) • IEEE 802.3u (Fast Ethernet)
Media Connector	• 10/100Mbps, Half/Full Duplex
LED Indicators	• Power, LAN & WLAN
Power	• 7.5V DC, 1A External Power Adapter
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 Mode	• AP, AP Client, WDS Bridge & Repeater Modes
Channel	• 1~ 11 Channels (US) 1~13 Channels (EU)
Security	• 64/128-Bit WEP (Hex/ASCII), WPA/WPA2 • 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 (typically) • 802.11g: 15dBm (typically)
Receiving Sensitivity	• 11Mbps 8% PER @ -78dBm (typical) • 54Mbps 10% PER @ -68dBm (typical)

### NETWORKING SOLUTIONS

#### 54Mbps 802.11g Wireless LAN Access Point (TEW-430APB)



### PACKAGE CONTENTS

- TEW-430APB
- Quick Installation Guide
- CD-ROM (User's Guide)
- Power Adapter (5V, 1.2A)

### RELATED PRODUCTS

TEW-421PC	802.11g 54Mbps Wireless CardBus PC Card
TEW-423PI	802.11g 54Mbps Wireless PCI Adapter

### ORDERING INFORMATION

**TRENDnet**

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To Order Please Call:

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