



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

TRENDnet's 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 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 - with coverage up to 300 meters.

### FEATURES

- Operates as Access Point or WDS Wireless Bridge/Repeater mode
- Provides Security with 64/128-Bit WEP and WPA
- 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 outdoors depending on the environment
- 3-Year Warranty

Please Note: Since the radio power output of the TEW-430APB is split between one internal and one external antenna, the replacement of the external antenna with a higher gain solution provides limited performance gain over the current 2dBi antenna range. As a result, if you are planning to use a high-gain antenna with the TEW-430APB Access Point, please consider the TEW-450APB".

### BENEFITS

#### Integration Friendly:

Supports both Ethernet and Fast Ethernet, with Web Browser configuration for fast and easy setup

#### 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 stand-alone Access Point, Single/Multiple Access Point(s) Bridge or Repeater

#### Security:

Provides 64/128-bit WEP Encryption, WPA and 802.1x Authentication Support

#### Cost Effective:

One unit provides multiple wireless connections to wired LAN

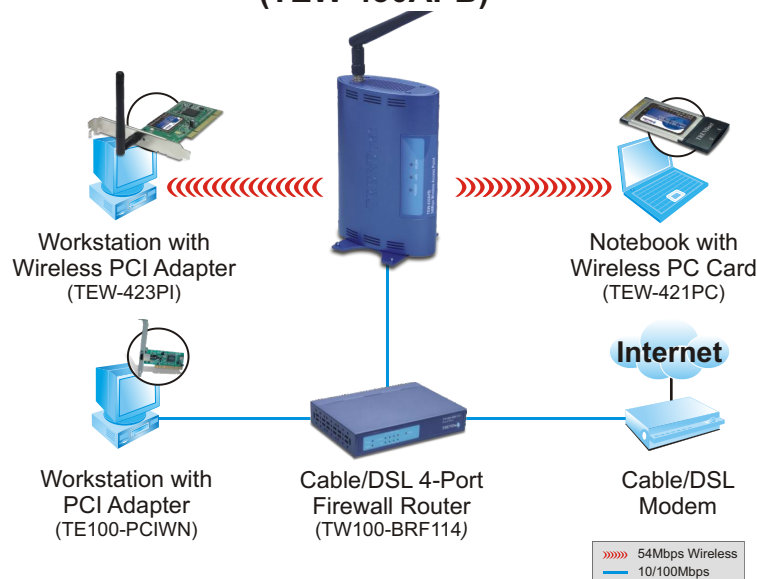
# 54Mbps 802.11g Wireless Access Point TEW-430APB

## 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	• 5V, 1.2A External Power Adapter
Dimensions	• 124 x 86 x 40 mm (4.9 x 3.4 x 1.6 inches) (without antenna)
Weight	• 118g (0.26 lb)
Temperature	• Operating: -0° ~ 40°C (32° ~104°F); Storage: -10° ~ 70°C (14° ~ 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, WDS Bridge & Repeater
Channel	• 1~ 14 Channels (Universal Support)
Security	• 64/128-bit WEP (Hex) & WPA (TKIP) • 802.1x Authentication & MAC Address Access Control List (ACL)
Antenna	• 1 x 2dBi Detachable Diversity Antennas with Female Reverse SMA Connector
Output Power	• 13 dBm (min)
Transmit Power	• 802.11b: 12dBm (typically) • 802.11g: 15dBm (typically)
Receiving Sensitivity	• 54Mbps: -68dBm @ 10% PER (Packet Error Rate) • 11Mbps: -81dBm @ 8% PER (Packet Error Rate)

## NETWORKING SOLUTIONS

### 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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