



108Mbps 802.11g Hot-Spot Access Point TEW-453APB

The TEW-453APB is a 108Mbps high speed 802.11g Wireless Access Point that offers advanced wireless security, network management, and Power-over-Ethernet capabilities. Wireless security features include TKIP and AES algorithms for WPA, and also Radius based MAC authentication. Features for network management include VLAN, SNMP support, System log support, and Rogue AP for extra security.

FEATURES

- No power needed, power provided by the networked PoE Ethernet cable
- Power over Ethernet (PoE) IEEE 802.3af support
- Wi-Fi Compliant with IEEE 802.11g / 802.11b Wireless Devices
- One 2dBi Detachable Antenna with Reverse SMA Connector
- High-Speed Wireless Access Point with up to 108Mbps Connection
- Supports Access Point, AP Client/Repeater and Bridge (PTP or PTMP up to 8 units) Modes
- 64/128/152-bit Wired Equivalent Privacy (WEP) with HEX or ASCII key
- Supports WPA/WPA-PSK, AES and TKIP
- Allows 802.1x and Non-802.1x Clients Running Simultaneously
- Supports 802.1Q Tag VLAN, allowing traffic from different sources to be segmented
- Supports Radius-based MAC address authentication and MAC Address Filter
- Supports Client to Client Communication Prevention per ESSID, Wireless Separation
- Multiple Security Profiles (max active 4), SSID Isolation and UAM (Universal Access Method)
- Supports Wireless Separations (between clients) and Worldwide Wireless Mode (802.11d) Standard
- Detects Rogue Access Points with Logs
- Easy Configuration with Web Browser (HTTP/HTTPS) or Telnet
- Flash Memory for Firmware Upgrade
- Range for 802.11b: up to 35~60 meters indoor, 300 meters outdoor (depends on the environment)
- Range for 802.11g: up to 20 meters indoor, 50 meters outdoor (depends on the environment)
- 3 Year limited Warranty

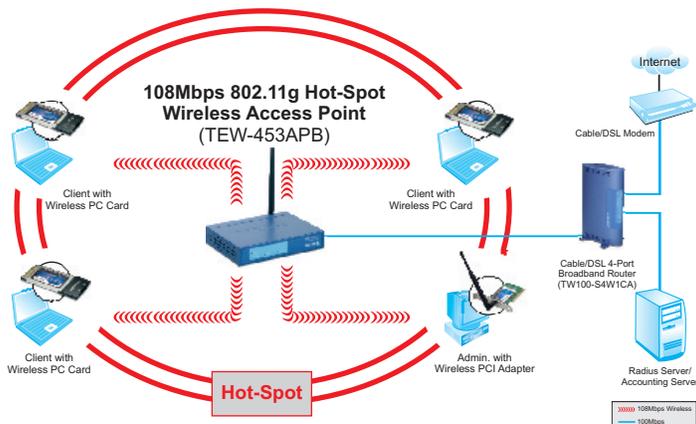
Note: Coverage and Speed performance might vary depending on the network environment.

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SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"> • Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), IEEE 802.3af PoE • Wireless: IEEE 802.11b (11Mbps), IEEE 802.11g (54Mbps), IEEE 802.1x, IEEE 802.11d
LED Indicator	• Power, Status, LAN and WLAN
Protocols	• TCP/IP, NetBEUI, ARP, DHCP Client, HTTP, NTP, RADIUS, WINS, Telnet, FTP, HTTPs, SSL
Console Port	• RS232 Port (DB9)
CPU/Radio/RAM/Flash	• Atheros 2312/ Atheros 2112/ 8Mbytes/ 2Mbytes
Client Support	• DHCP Client, WINS Client, Radius Client
Power Source	• 24V DC, 500mA External Power Adapter or PoE Connection
Dimensions (LxWxH)	• 141 x 100 x 27 mm (5.5 x 3.9 x 1.06 inches) (without antennas)
Weight	• 0.35 kg. (12.5 oz.)
Temperature	<ul style="list-style-type: none"> • Operating: 0°~ 40°C (32°F~ 104°F) • Storage: -10°~ 70°C (14°F~ 158°F)
Humidity	• Max. 95% (non-condensing)
Certification	• FCC, CE
Wireless	
Module Technique	• 802.11b: CCK, DQPSK, DBPSK • 802.11g: OFDM
Frequency Range	• 2.4 ~ 2.497 GHz
Modes	• Access Point, AP Client/Repeater, Bridge (PTP or PTMP)
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
Channels	• 1~14 Channels (Universal Support)
Security	• 64/128/152-bit (WEP), 802.1x • WPA-PSK or WPA-802.1x (TKIP, AES, EAP-MD5, EAP-TLS, EAP-TTLS, PEAP)
Management	• Web Browser (HTTP or HTTPS); SNMP V2, V2C; Telnet & CLI
Antenna	• 1 x 2dBi External Detachable Dipole Antenna with Female Reverse SMA connector
Output Power	• Adjustable: Full (18dBm), Half (15dBm), Quarter (12dBm), Eighth (9dBm), Minimum (6dBm)
Receiving Sensitivity	• 11Mbps 10 5 BER @ -86 dBm (typical); 54Mbps 10 5 BER @ -71 dBm (typical); 108Mbps 10 5 BER @ -68 dBm (typical)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-453APB
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power Adapter

RELATED PRODUCTS

TEW-441PC	108Mbps 802.11g Wireless PC Card
TEW-443PI	108Mbps 802.11g Wireless PCI Adapter
TEW-444UB	108Mbps 802.11g Wireless USB 2.0 Adapter

ORDERING INFORMATION

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