



108Mbps 802.11a+g Wireless Access Point TEW-510APB

The TRENDnet TEW-510APB Dual Band Super A+G Access Point meets the growing demand for bandwidth intensive applications such as streaming media. The TEW-510APB provides seamless integration to compatible 802.11a/b/g wireless clients for high-speed Internet access. The TEW-510APB secures wireless communication with WEP, WPA or MAC filtering and provides fast frames, frame bursting, frame compression, and dynamic turbo for Super A or Super G clients.

FEATURES

- Wi-Fi Compliant with IEEE 802.11a, 802.11g and IEEE 802.11b Standards
- Uses 5 GHz or 2.4 GHz Dual Band Design, which Complies with Worldwide Requirements
- Supports WDS Access Point, AP Client/Repeater Modes
- Supports Super AG and XR (eXtended Range) technology Data Rate up to 108Mbps (AP Mode Only)
- Dynamic Data Rate Scaling at 54, 48, 36, 24, 18, 12, 9 and 6Mbps for 802.11a/g
- Dynamic Data Rate Scaling at 11, 5.5, 2 and 1Mbps for 802.11b
- Supports ESSID Enable/Disable Feature to Increase Security
- 64/128/152-bit Wired Equivalent Privacy (WEP)
- Supports WPA and WPA-PSK
- Easy Configuration with Web Browser and Flash Memory for Firmware Upgrade
- Compliant with Windows 95/98/NT/2000/XP/2003 Server, Linux and Mac OS
- Range of 30 ~ 100 meters Indoor (depends on the environment)
- Range of 50 ~ 300 meters Outdoor (depends on the environment)
- 3-Year Warranty

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

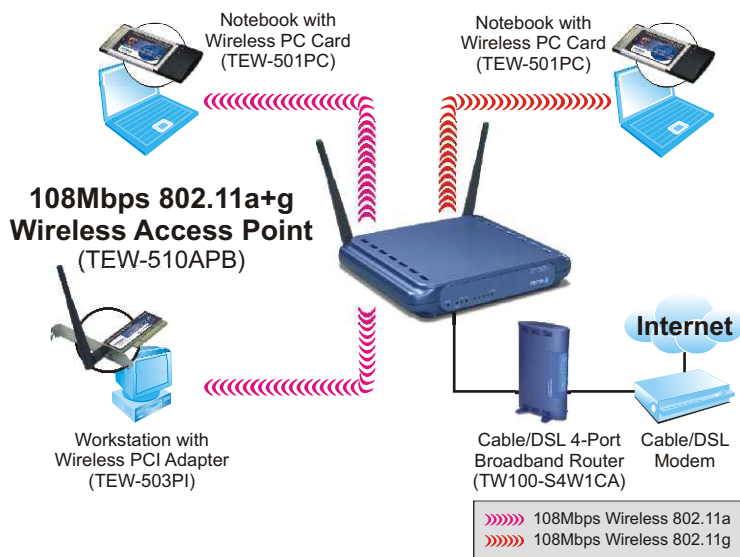
108Mbps 802.11a+g Wireless Access Point

TEW-510APB

SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"> Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) Wireless: IEEE 802.11a (54Mbps), 802.11b (11Mbps), IEEE 802.11g (54Mbps)
Interface	<ul style="list-style-type: none"> LAN : 1 x 10/100Mbps Auto-MDIX Port Reset button : Reset settings to factory default
LED Indicators	<ul style="list-style-type: none"> Power, Link/Act, Full/Col, 11a Link/Act, 11g Link/Act
Network Protocols	<ul style="list-style-type: none"> TCP/IP, NetBEUI, IPX/SPX
Power Source	<ul style="list-style-type: none"> 5V DC, 2.5A External Power Adapter
Dimensions (LxWxH)	<ul style="list-style-type: none"> 198 x 160 x 33 mm (7.8 x 6.3 x 1.2inches)
Weight	<ul style="list-style-type: none"> 0.7kg (1.54 lbs)
Temperature	<ul style="list-style-type: none"> Operating: 0°~ 40°C (32°F~ 104°F) Storage: -20°~ 60°C (-4°F~ 120°F)
Humidity	<ul style="list-style-type: none"> Max. 90% (Non-Condensing)
Certification	<ul style="list-style-type: none"> FCC, CE
Wireless	
Module Technique	<ul style="list-style-type: none"> 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) 802.11a/g: OFDM with BPSK, QPSK and 16/64-QAM Sub-Carrier Modulations
Frequency Range	<ul style="list-style-type: none"> 802.11a: UNI-Band 5.15 ~ 5.85 GHz (Subject to Local Regulations) 802.11b/g: ISM-Band 2.412 ~ 2.497 GHz
Antenna	<ul style="list-style-type: none"> 802.11a: 4dBi (Peak Gain); 802.11b/g: 2dBi (Peak Gain) 2 x Dual Band Diversity Detachable Antenna (Female Reverse SMA Connector)
Data Rate (auto fallback)	<ul style="list-style-type: none"> 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps Super AG: 108Mbps
Security	<ul style="list-style-type: none"> 64/128/152-bit WEP & WPA MAC Address Filter
Transmit Power	<ul style="list-style-type: none"> 802.11a: 16dBm (max) @ 16QAM R3/4 802.11b: 18dBm (typical) 802.11g: 16dBm (typical)
Receiving Sensitivity (802.11a/b/g)	<ul style="list-style-type: none"> 108Mbps 10⁻⁵ BER @ -69 dBm (Turbo Mode) 802.11a: 54Mbps 10⁻⁵ BER @ -67 dBm 802.11b: 11Mbps 10⁻⁵ BER @ -80 dBm 802.11g: 54Mbps 10⁻⁵ BER @ -65 dBm
Channels	<ul style="list-style-type: none"> 802.11a: Subject to Local Regulations 802.11b/g: 1~ 11 (US), 1~13 (EU)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-510APB
- Multi-Language QIG
- CD-ROM (User's Guide)
- Power Adapter (5V, 2A)
- RJ-45 Cable (1.5m)

RELATED PRODUCTS

TEW-501PC	108Mbps 802.11a/g Wireless CardBus PC Card
TEW-503PI	108Mbps 802.11a/g Wireless PCI Adapter
TEW-504UB	108Mbps 802.11a/g Wireless USB 2.0 Adapter

ORDERING INFORMATION

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