



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

The TRENDnet TEW-510APB 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 communications with WEP, WPA, or MAC filtering and provides fast frame, 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



WIRELESS

TEW-510APB

108Mbps 802.11a+g Wireless Access Point

SPECIFICATIONS

Hardware

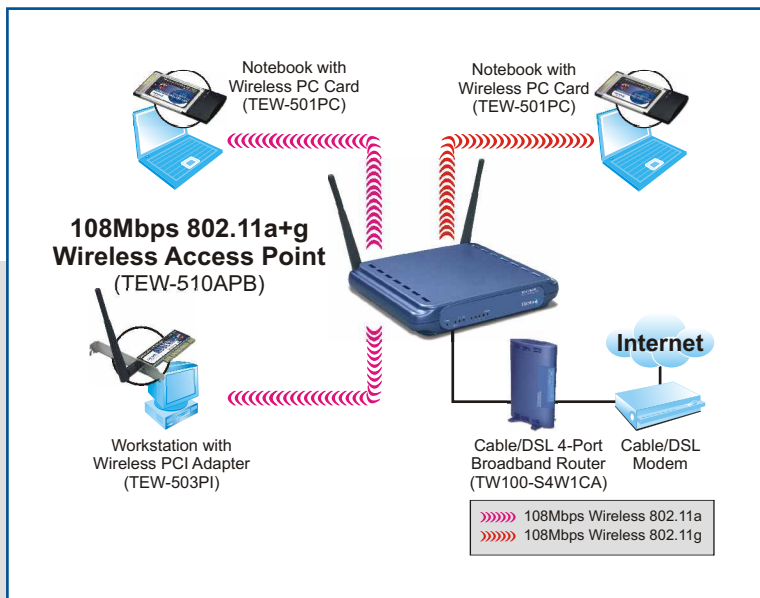
Standards	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) • Wireless: IEEE 802.11a (54Mbps), 802.11b (11Mbps), IEEE 802.11g (54Mbps)
Interface	• LAN : 1 x 10/100Mbps Auto-MDIX Port • Reset button : Reset settings to factory default
LED Indicator	• Power, Link/Act, Full/Col, 11a Link/Act, 11g Link/Act
Network Protocols	• TCP/IP, NetBEUI, IPX/SPX
Power Source	• 5V DC, 2.5A External Power Adapter
Dimensions (LxWxH)	• 198 x 160 x 33 mm (7.8 x 6.3 x 1.2inches)
Weight	• 0.7kg (1.54 lbs)
Temperature	• Operating: 0°~ 40°C (32°F~ 104°F) • Storage: -20°~ 60°C (4°F~ 120°F)
Humidity	• Max. 90% (non-condensing)
Certification	• FCC, CE

Wireless

Module Technique	• 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	• 802.11a: UNI-Band 5.15 ~ 5.35 GHz (Subject to Local Regulations) • 802.11b/g: ISM-Band 2.412 ~ 2.497 GHz
Antenna	• 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)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super AG: 108Mbps
Security	• 64/128/152-bit WEP & WPA • MAC Address Filter
Transmit Power	• 802.11a: 16dBm (max) @ 16QAM R3/4 • 802.11b: 18dBm (typical) • 802.11g: 16dBm (typical)
Receiving Sensitivity (802.11a/b/g)	• 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	• 802.11a: Subject to Local Regulations • 802.11b/g: 1~ 11 (US), 1~13 (EU)



NETWORKING SOLUTIONS



PACKAGE CONTENTS

• TEW-510APB	• CD-ROM (User's Guide)
• Multi-Language QIG	• 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

TRENDware International, Inc.
3135 Kashiwa Street, Torrance, CA. 90505. USA
Tel: 310-891-1100
Fax: 310-891-1111
Web: www.TRENDNET.com
Email: sales@trendware.com

To Order Please Call:
1-888-326-6061