WIRELESS

TEW-310APB
11/22Mbps Wireless Access Point + Bridge

TRENDnet's TEW-310APB Wireless Access Point is today's link to Wireless Technology. Compliant with the most advanced IEEE Wireless Networking Standard 802.11b, it provides Direct Sequence Spread Spectrum (DSSS) operation for transparent bridging and roaming capabilities for wireless nodes. The TEW-310APB also provides AP-to-AP 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

- Wire-free access to networked resources for your Desktop/Notebook PC, PDA, and Mac

- Operates as Access Point, Wireless Bridge, or Access Point Client

- Uses 2.4GHz frequency band, which complies with worldwide requirement

- Direct Sequence Spread Spectrum (DSSS) wireless technology

- Provides data rate bandwidth up to 22Mbps with automatic fallback

- Provides 64/128/256-bit Wired Equivalent Privacy (WEP) encryption

- Easy configuration with Web Browser and Windows Configuration Software

- Access Control with wireless client's MAC Address

- dBi Dual Dipole Antennas (fixed)

- DHCP Server supports up to 100 clients

- 10/100Mbps auto-sense Fast Ethernet port

- Wall-Mountable

- Distance coverage 35 to100 meters indoor, 100 to 300 meters outdoors

- 3-Year Warranty

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 Ethernet Access Point Client.

- **Security:**
  Provides 64/128/256-bit WEP Encryption and MAC address access control.

- **Cost Effective:**
  One unit provides multiple wireless connections to wired LAN.

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SPECIFICATIONS

Wireless LAN Interface

Standards:
- IEEE 802.11b Wireless LAN

Modulation Technology:
- Direct Sequence Spread Spectrum (DSSS), PBCC (Packet Binary Convolutional Coding), 11-chip Barker Sequence

Channels:
- 11 Channels (US & Canada)

Data Rate:
- 22Mbps, 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps (auto-fallback)

Operating Mode:
- AP, AP-to-AP, AP-to-Multiple AP, or AP Client

Frequency Range:
- 2.4 ~ 2.4835 GHz

Security:
- 64/128/256-bit WEP Encryption

Antenna:
- 2dBi Fixed Dipole Antennas (length = 87 mm / 3.43 inches)

Output Power:
- 16 ~ 18 dBm (max.)

Receiving Sensitivity:
- -82 dBm (Typical)

Wired LAN Interface

Standards:
- IEEE 802.3 (10Base-T) and IEEE 802.3u (100Base-TX)

Data Rate Transmission:
- 10/100Mbps, Half/Full duplex auto-negotiation

Media Connector:
- 1 x UTP/STP RJ-45

Cabling:
- Cat. 5 UTP/STP RJ-45 Cable (100 meters max.)

LED Indicators:
- Power, TX/RX, Link

Power:
- External Power Adapter
- Input: 100~240VAC, 1A, 50~60Hz.
- Output: 5VDC, 2A

Dimensions:
- 140 x 113 x 38 mm (5.51 x 4.45 x 1.5 inches) (antenna folded)

Weight:
- 213 g. (7.5 Oz.)

Temperature:
- Operating: -10° ~ 55°C (14°F ~ 131°F)
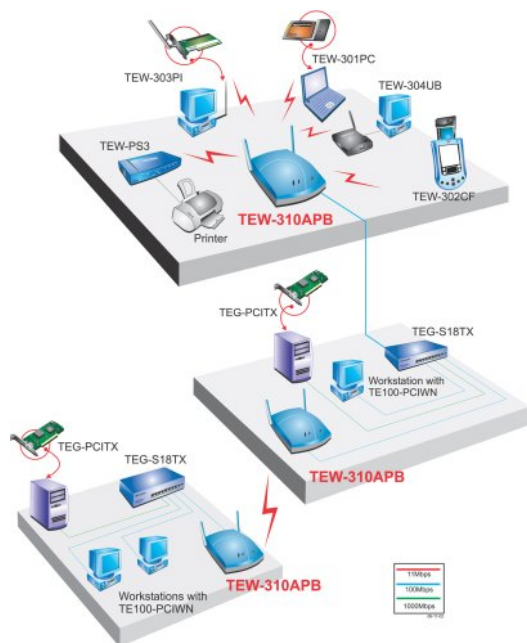- Storage: -20° ~ 65°C (-4°F ~ 149°F)

Humidity:
- Max. 95% (non-condensing)

Certification:
- CE, FCC Class B

ISO9001 CE FC

NETWORKING SOLUTIONS

PRODUCT INFORMATION

- **TEW-301PC:** 11/22Mbps Wireless PCMCIA Network Adapter
- **TEW-302CF:** 11/22Mbps Wireless CompactFlash Network Adapter
- **TEW-303PI:** 11/22Mbps Wireless PCI Network Adapter
- **TEW-304UB:** 11/22Mbps Wireless USB Network Adapter
- **TEW-310APB:** 11/22Mbps Wireless Access Point + Bridge
- **TEW-311BRP:** 11/22Mbps Wireless Broadband Router + Access Point
- **TEW-PS3:** 3-port Wireless Ethernet Print Server

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

TRENDnet
TRENDware, USA