WIRELESS

TEW-401PC
54Mbps 802.11g Wireless PC Card

TRENDnet's TEW-401PC 54Mbps Wireless CardBus PC Card is the latest creation for Notebook computer's wireless network applications. It complies with IEEE 802.11g draft and PCMCIA CardBus standards, operating with 2.4GHz Direct Sequence Spread Spectrum (DSSS) transmission technology, and compatible with 802.11b 11Mbps wireless devices. With the wireless networking products, users can setup Local Area Network (LAN) without the trouble of installing networking cables.

FEATURES

- Uses 2.4 GHz frequency band, which complies with worldwide requirements
- 32-Bit PCMCIA CardBus Type II interface; supports Hot Swap and Plug & Play
- Up to 54Mbps connection speed
- Connects to IEEE 802.11g or 802.11b (11Mbps) wireless devices
- Dynamically shifts network speed (based on signal strength)
- Build in diversity antenna with LEDs indicating link status
- Supports Ad-Hoc (peer-to-peer) mode and Infrastructure mode (Access Point)
- Compatible with Windows 98SE/ME/2000/XP
- 64/128-bit Wired Equivalent Privacy (WEP) with ASCII, HEX, or Passphrase Key
- Stores multiple Wireless Network Profiles
- Low interference and high susceptibility guarantee reliable performance
- Low power consumption and easy configurations
- Enables high data rate multi-media applications such as video streaming transmission
- Distance coverage 30 to100 meters indoor, 100 to 300 meters outdoors
- 3-year Warranty

BENEFITS

- **Economical:** Save time, labor, and materials; compare with wired network installation.

- **Flexible:** Creates wireless peer-to-peer network in Ad-Hoc mode or connects to Ethernet LAN in Infrastructure mode using Wireless Access Point or Wireless Router.

- **Cost Effective:** Supports IEEE 802.11b and IEEE 802.11g draft standards; connects to any IEEE 802.11b and 802.11g wireless network.

- **Performance:** 54Mbps high-speed wireless connection.

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SPECIFICATIONS

Adapter Type:
• 32-bit CardBus PCMCIA Type II (fits PCMCIA Type II or Type III slot)

Standards:
• IEEE 802.11g draft and IEEE 802.11b

Driver Supports:
• Windows 98SE/ME/2000/XP

Data Rate (auto fallback):
• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps

Module Technique:
• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
• 802.11g: OFDM

Antenna:
• Build-in Diversity Patch Antenna

Media Access Protocol:
• CSMA/CA with ACK

LED Indicator:
• Power, Link

Frequency:
• 2.4 to 2.497GHz (Industrial Scientific Medical Band)

Output Power:
• 15dBm (max.)

Receiving Sensitivity:
• 11Mbps 10 – 5 BER @ -80 dBm (typical)
• 54Mbps 10 – 5 BER @ -65 dBm (typical)

Power Consumption:
• Operating: 3.3VDC (TX: 550mA, RX: 350mA).
• Idle: 3.3VDC, 225mA.

Radio Disabled:
• 3.3VDC <10mA

Channels:
• 11 Channels (US/Canada), 13 Channels (EU)

Dimensions (L x W x H):
• 118 x 54 x 8.5 mm (4.65 x 2.1 x 0.33 inches)

Weight:
• 42.5g. (1.5 oz.)

Operating Temperature:
• 0° ~ 50° C (32° ~ 122° F)

Storage Temperature:
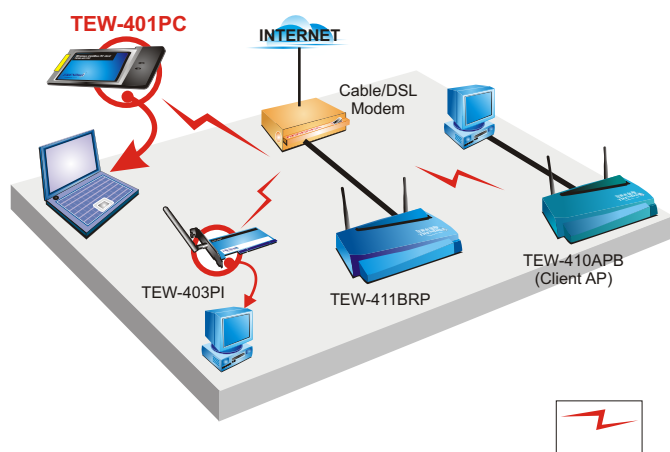• -20° ~ 65° C (-4° ~ 149° F)

Humidity:
• Max. 95% (Non-condensing)

Certification:
• FCC, CE

ISO9001   FC   CE

NETWORKING SOLUTIONS

TEW-401PC
INTERNET
Cable/DSL Modem
TEW-403PI
TEW-411BRP
TEW-410APB (Client AP)

RELATED PRODUCT

‣ **TEW-401PC:** 54Mbps 802.11g Wireless PC Card

‣ **TEW-403PI:** 54Mbps 802.11g Wireless PCI Network Adapter

‣ **TEW-410APB:** 54Mbps 802.11g Wireless Access Point + Bridge + Repeater

‣ **TEW-411BRP:** 54Mbps 802.11g Wireless Broadband Router + Access Point + Bridge

‣ **TEW-PS3:** 3-Port (Parallel) 802.11b Wireless Ethernet Print Server

‣ **TEW-PS1U:** 11Mbps Wireless USB port Multi-Protocol 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