



## 54Mbps 802.11g Wireless PCI Adapter TEW-423PI [C1.1R]

TEW-423PI 54Mbps Wireless PCI Card cuts the wires to your desktop and provides 54Mbps speed to handle bandwidth-intensive applications. It complies with the IEEE 802.11g standard, making it backward compatible with 802.11b networks for assured compatibility. Advanced 128-bit WEP encryption is supported to provide secure access for your data. Cut the wires and move your desktop where you need it with TRENDnet's 802.11g wireless PCI Card.

### FEATURES

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- Uses 2.4 GHz Frequency Band, which Complies with Worldwide Requirements
- Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure (AP-Client) Mode
- Dynamic Data Rate Scaling at 54, 48, 36, 24, 18, 12, 9 and 6Mbps for 802.11g
- Dynamic Data Rate Scaling at 11, 5.5, 2 and 1Mbps for 802.11b
- Maximum Reliability, Throughput and Connectivity with Automatic Data Rate Switching
- Compatible with Windows 98/ME/2000/XP/Vista (32/64bit)
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Detachable 2dBi Dipole Antenna with Reverse SMA Connector
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Range of 35~100 meters indoor, 100~300 meters outdoor (depends on the environment)
- Simple User Setup & Diagnostics Utilities
- 3-Year Warranty

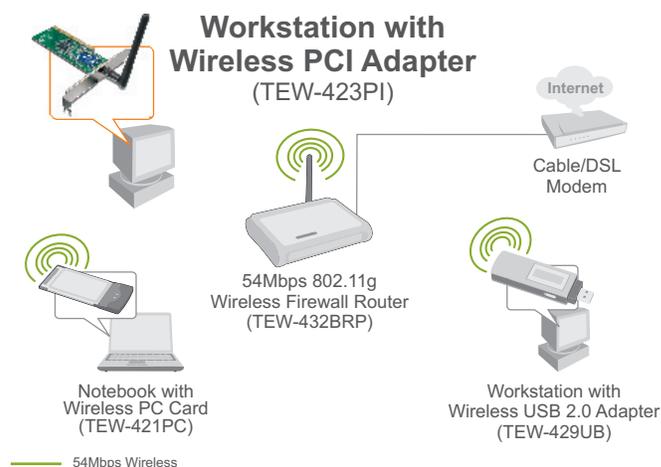
# 54Mbps 802.11g Wireless PCI Adapter

## TEW-423PI (C1.1R)

### SPECIFICATIONS

| Hardware                  |  |
|---------------------------|--|
| Interface                 | • 32-bit PCI 2.2 Bus Master  |
| Standards                 | • IEEE 802.11b and IEEE 802.11g  |
| Antenna                   | • 1 x 2dBi Detachable Dipole Antenna   |
| LED Indicator             | • Link   |
| Power Consumption         | • Receive Mode: 370mA • Transmit Mode: 470 mA  |
| Supported OS              | • Windows 98, ME, 2000, XP, Vista (32/64bit)   |
| Dimensions (LxWxH)        | • 121 x 44 mm (4.8 x 1.7 inches) (without metal bracket)   |
| Weight                    | • 60 g (2.1 oz.) (with antenna)  |
| Temperature               | • Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)  |
| Humidity                  | • 10% ~ 95% max. (Non-condensing)  |
| Certification             | • FCC, CE  |
| Wireless                  |  |
| Module Technique          | • 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM  |
| Frequency                 | • 2.412 to 2.484 GHz (Industrial Scientific Medical Band)  |
| Media Access Protocol     | • CSMA/CA with ACK   |
| Data Rate (auto fallback) | • 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps<br>• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps |
| Output Power              | • 15dBm (typically) @ 802.11b • 13dBm (typically) @ 802.11g  |
| Receiving Sensitivity     | • 54Mbps 10% PER @ -72 dBm (typical) • 11Mbps 8% PER @ -85 dBm (typical)   |
| Security                  | • WPA/WPA2(TKIP), WPA-PSK/WPA2-PSK(AES/TKIP), 64/128-Bit WEP (Hex or ASCII)  |
| Channels                  | • 1~11 (FCC) 1~13 (ETSI)   |

### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TEW-423PI
- Utility & Driver CD-ROM
- Multi-Language Quick Installation Guide

### RELATED PRODUCTS

|                   |   |
|-------------------|---|
| <b>TEW-421PC</b>  | 54Mbps 802.11g Wireless PC Card         |
| <b>TEW-424UB</b>  | 54Mbps 802.11g Wireless USB 2.0 Adapter |
| <b>TEW-432BRP</b> | 54Mbps 802.11g Wireless Firewall Router |

### ORDERING INFORMATION

**TRENDNET®**

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

To Order Please Call:

**1-888-326-6061**

