



## 54Mbps 802.11g Wireless USB 2.0 Adapter TEW-424UB

TRENDnet's TEW-424UB 802.11g Wireless USB 2.0 Adapter brings together the convenience of USB 2.0 and the high speed of 802.11g, allowing you to easily connect to 802.11g networks at speeds of up to 54Mbps. The USB 2.0 interface facilitates a hassle-free Plug-and-Play installation, and 128-bit WEP Encryption provides robust network security. The TEW-424UB is a feature-rich yet convenient way to go wireless.

### FEATURES

- Wi-Fi Compliant with IEEE 802.11g and 802.11b Wireless Standards
- Uses 2.4 GHz Frequency Band, which Complies with Worldwide Requirements
- Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure (AP-Client) Mode
- Compliant with Universal Serial Bus Rev 2.0, 1.1, 1.0 Specifications
- 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(SE)/ME/2000/XP (SP1/SP2)
- Supports 64/128-bit WEP and WPA-PSK
- Integrated Printed Antenna for the Multi-Path Environment
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Low Power Consumption and Easy Configurations
- Range of 35~100 meters indoor, 100~300 meters outdoor (depends on the environment)
- Simple User Setup & Diagnostics Utilities
- 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 standards; connects to any IEEE 802.11b and 802.11g wireless network.

#### **Performance:**

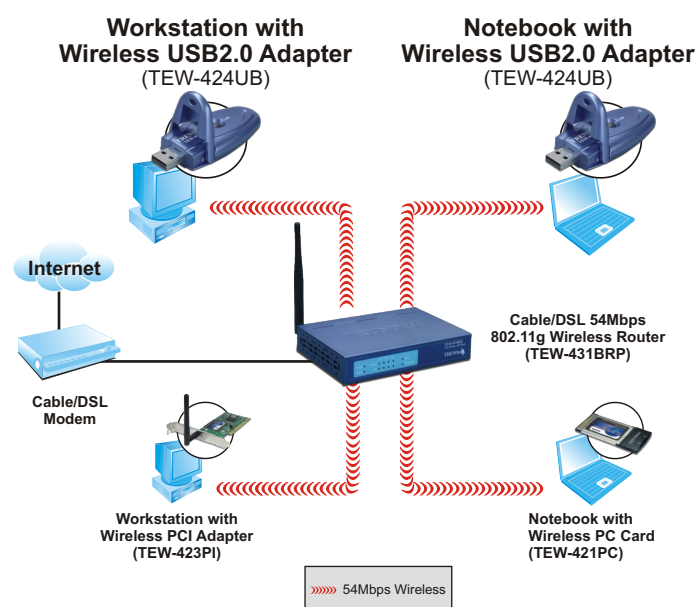
Up to 54Mbps High-speed wireless connection with USB 2.0 Connection.

# 54Mbps 802.11g Wireless USB 2.0 Adapter TEW-424UB

## SPECIFICATIONS

Hardware	
Interface	• USB 2.0, 1.1, 1.0 Compliant
Standards	• IEEE 802.11b and IEEE 802.11g
Antenna	• 2dBi Integrated Printed Antenna
LED Indicator	• Link
Power Consumption	• Receive Mode: 280mA • Transmit Mode: 380 mA
Supported OS	• Windows 98(SE), ME, 2000, XP(SP1/SP2)
Dimensions (LxWxH)	• 85 x 33 x 12 mm (3.35 x 1.3 x 0.47 inches) (without metal bracket)
Weight	• 15 g (0.5 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, ETS
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 • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps **6Mbps for 802.11g using USB 1.1 or 1.0 Connection
Output Power	• 15dBm (typically) @ 802.11b • 12dBm (typically) @ 802.11g
Receiving Sensitivity	• 54Mbps 10 <sup>-5</sup> BER @ -72 dBm (typical) • 11Mbps 10 <sup>-5</sup> BER @ -83 dBm (typical)
Security	• WPA-PSK, 64/128-Bit WEP
Channels	• 1~14 Channels (Universal Domain Support)

## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

- TEW-424UB
- Quick Installation Guide
- Utility & Driver CD-ROM
- 1 x USB 2.0 Cable (145mm/5.7inches)

## RELATED PRODUCTS

TEW-421PC	54Mbps 802.11g Wireless PC Card
TEW-423PI	54Mbps 802.11g Wireless PCI Network Adapter
TEW-431BRP	54Mbps 802.11g Wireless Firewall Router

## ORDERING INFORMATION

### TRENDnet

3135 Kashiwa Street, Torrance, CA 90505 USA  
 Tel: 1-888-777-1550  
 Fax: 310-891-1111  
 Web: [www.trendnet.com](http://www.trendnet.com)  
 Email: [sales@trendnet.com](mailto:sales@trendnet.com)

To Order Please Call:

**1-888-326-6061**

