TRENDNET®

54Mbps 802.11g Wireless USB 2.0 Adapter
TEW-424UB (v3.1R)

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 98SE, ME, 2000, XP(32/64-bit), Vista (32/64-bit), Mac OS X 10.4/10.5
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Support WMM™ QoS (Wi-Fi Multimedia Quality of Service)
- 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
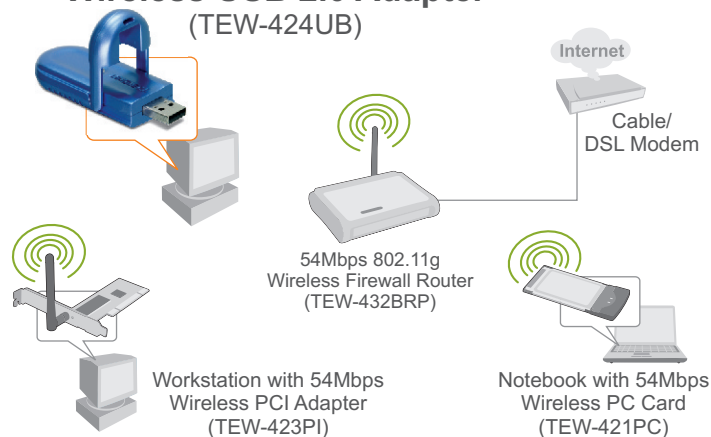- 3-Year Limited Warranty

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: 410 mA
Supported OS	• Windows 98SE, ME, 2000, XP(32/64-bit), Vista (32/64-bit), Mac OS X 10.4/10.5
Dimensions (LxWxH)	• 80 x 30 x 12 mm (3.1 x 1.2 x 0.5 inches)
Weight	• 15 g (0.5 oz.)
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	• 18dBm (typically) @ 802.11b • 15dBm (typically) @ 802.11g
Receiving Sensitivity	• 54Mbps 10% PER @ -68 dBm (typical) • 11Mbps 8% PER @ -83 dBm (typical)
Security	• 64/128-bit WEP (Hex/ASCII) WPA-PSK/WPA2-PSK • WPA /WPA2 (Windows 2000/XP only)
Channels	• 1~13 Channels (Universal Domain Support)

NETWORKING SOLUTIONS

Workstation with 54Mbps Wireless USB 2.0 Adapter
(TEW-424UB)

Internet

Cable/
DSL Modem

54Mbps 802.11g
Wireless Firewall Router
(TEW-432BRP)

Workstation with 54Mbps
Wireless PCI Adapter
(TEW-423PI)

Notebook with 54Mbps
Wireless PC Card
(TEW-421PC)

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

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