



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

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. Offering seamless AP-to-AP roaming, auto-installation for Windows 98SE/ME/2000/XP, and auto-negotiation, 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 Devices
- Uses 2.4 GHz Frequency Band, which Complies with Worldwide Requirements
- USB 2.0 interface; supports Hot Swap and Plug & Play
- Up to 54Mbps High Speed Wireless Connection (USB 2.0 Port)
- Up to 11Mbps High Speed Wireless Connection (USB 1.1 Port)
- Dynamically Shifts Network Speed (based on signal strength)
- Built-in Antenna with LEDs Indicating Link Status
- Supports Ad-Hoc (Peer-to-Peer) mode and Infrastructure (Access Point) mode
- Compatible with Windows 98SE/ME/2000/XP
- 64/128/256-bit Wired Equivalent Privacy (WEP) & WPA-PSK
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Low Power Consumption and Easy Configurations
- Range of 50~100 meters indoor and up to 300 meters outdoor (depends on the environment)
- 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.



# TEW-424UB

## 54Mbps 802.11g Wireless USB 2.0 Adapter

### SPECIFICATIONS

**Adapter Type:**

- USB 2.0 Interface

**Standards:**

- IEEE 802.11g and IEEE 802.11b Wi-Fi Compliant

**Antenna:**

- 1dBi Internal chip antenna LED Indicator Link, ACT

**Driver Support:**

- Windows 98SE/ME/2000/XP

**LED Indicator:**

- Link, ACT

**USB Cable Length:**

- 100mm (3.9 inches)

**Dimensions (L x W):**

- 80 x 30 x 10 mm (3.15 x 1.18 x 0.35 inches)

**Weight:**

- 18g. (0.04 lb)

**Operating Temperature:**

- 0° ~ 55° C (32° ~ 131° F)

**Storage Temperature:**

- -10° ~ 65° C (14° ~ 149° F)

**Humidity:**

- Operating : 90% (Non-Condensing)
- Storage : 95% (Non-Condensing)

**Frequency:**

- 2.4 to 2.4835GHz (Industrial Scientific Medical Band)

**Module Technique:**

- 802.11b: DSSS (CCK, DQPSK, DBPSK)
- 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK)

**Media Access Protocol:**

- CSMA/CA with ACK

**WEP:**

- 64/128/256-bit (Hex & ASCII) & WPA-PSK

**Transmit Power:**

- 14dBm @ 54Mbps
- 17dBm @ 11Mbps

**Data Rate:**

- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
- 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps

**Receiving Sensitivity:**

- 11Mbps 10 – 5 BER @ -82 dBm (typical)
- 54Mbps 10 – 5 BER @ -69 dBm (typical)

**Power Consumption:**

- Operating: (TX: 330mA, RX: 160mA) @ 5V DC

**Channel:**

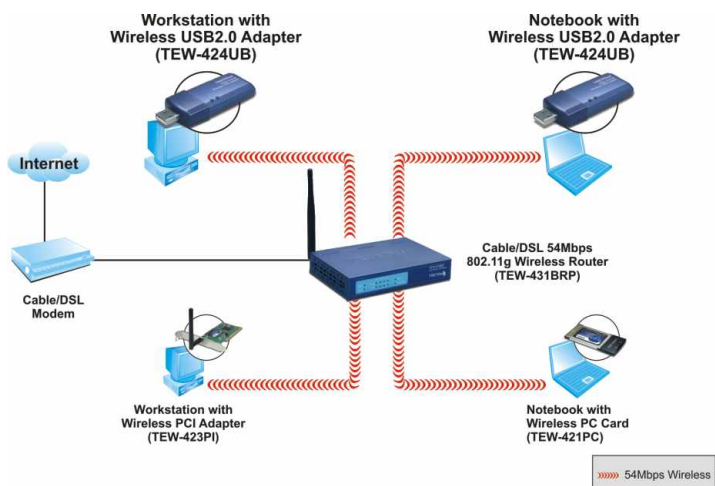
- 1 ~ 14 Channels (Universal Domain Support)

**Certification:**

- FCC, CE



### NETWORKING SOLUTIONS



**To Order Please Call:**  
**1-888-326-6061**

### RELATED PRODUCT

- **TEW-431BRP:** Cable/DSL 802.11g 54Mbps Wireless Router
- **TEW-423PI:** 802.11g 54Mbps Wireless PCI Adapter
- **TEW-421PC:** 54Mbps 802.11g Wireless PC Card

### ORDERING INFORMATION

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