

## **108Mbps 802.11g MIMO Wireless USB 2.0 Adapter**

### **TEW-604UB**

TEW-604UB 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 108Mbps. The USB 2.0 interface facilitates a hassle-free Plug-and-Play installation, and 128-bit WEP Encryption provides robust network security. The TEW-604UB is a feature-rich yet convenient way to go wireless.

### **FEATURES**

- Compliant with IEEE 802.11g and 802.11b Wireless Standards
- Uses 2.4 GHz Frequency Band, which Complies with Worldwide Regulations
- Smart Antenna Design and speeds up to 108Mbps in Super G mode
- Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure 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
- Compliant with Windows 98SE/ME/2000/XP/2003
- Supports WEP and WPA/WPA2 Encryptions
- Supports Wireless Multimedia Enhancements Quality of Service (QoS)
- 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

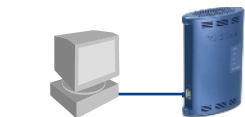
# 108Mbps 802.11g MIMO Wireless USB 2.0 Adapter TEW-604UB

## SPECIFICATIONS

Hardware	
Interface	• USB 2.0, 1.1, 1.0 Compliant
Standards	• IEEE 802.11b and IEEE 802.11g
LED Indicator	• Link
Power Consumption	• 450mA @5V DC
Supported OS	• Windows 98SE/ME/2000/XP/2003
Dimensions (LxWxH)	• 115 x 80 x 33 mm (4.5 x 3.1 x 1.3 inches)
Weight	• 92 g (3.25 oz.)
Temperature	• Operating: 0°~ 40°C (32°~ 104° F) • Storage: -20° ~ 70° C (4° ~ 158°F)
Humidity	• 10% ~ 95% max (Non-condensing)
Safety Emissions	• FCC, CE
Wireless	
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM with BPSK, QPSK and 16/64-QAM sub-carrier modulations
Frequency	• 2.412 to 2.484 GHz (Industrial Scientific Medical Band)
Media Access Protocol	• CSMA/CA
Antenna	• 3 x 2dbi Antennas
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super G: 108Mbps **6Mbps for 802.11g using USB 1.1 or 1.0 Connection
Output Power	• 20dBm (typically) @ 802.11b • 14dBm (typically) @ 802.11g
Receiving Sensitivity	• 54Mbps 10% PER @ -73 dBm (typical) • 11Mbps 8% PER @ -88 dBm (typical)
Security	• 64/128/152-bit WEP (Hex), WPA/WPA2(TKIP/AES) WPA-PSK/WPA2-PSK, 802.1x
Channels	• 1~11 (US), 1~13 (EU)

## NETWORKING SOLUTIONS

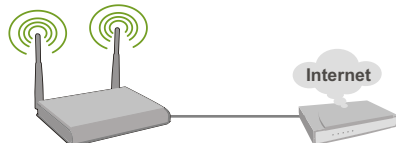
### Workstation with 108Mbps Smart Wireless USB 2.0 Adapter (TEW-604UB)



### Notebook with 108Mbps Smart Wireless USB 2.0 Adapter (TEW-604UB)



Workstation with 108Mbps  
Wireless PCI Adapter  
(TEW-603PI)



108Mbps Wireless Router  
(TEW-611BRP)

Internet  
Cable/DSL  
Modem

— USB — 108Mbps Wireless

## PACKAGE CONTENTS

- TW-604UB
- Quick Installation Guide
- Utility & Driver CD-ROM
- USB 2.0 Cable (1.5m/4.9ft.)

## RELATED PRODUCTS

TEW-601PC	108Mbps 802.11g MIMO Wireless PC Card
TEW-603PI	108Mbps 802.11g MIMO Wireless PCI Adapter
TEW-610APB	108Mbps 802.11g MIMO Wireless Access Point

## ORDERING INFORMATION

### TRENDnet

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