



## **108Mbps 802.11g Wireless USB 2.0 Adapter TEW-444UB**

TEW-444UB 802.11g USB 2.0 Wireless adapter provides wireless connectivity with 802.11g, or 802.11b networks and an easy-to-install, backward compatible interface to bring the best wireless solution for desktop/mobile workstations. The TEW-444UB can reach blazing speeds of 108Mbps. It also dynamically encrypts wireless transmissions with WPA-PSK.

### **FEATURES**

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure (AP-Client) Mode
- Supports Super G technology Data Rate up to 108Mbps
- 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 and Vista
- Supports 64/128-bit WEP, WPA, WPA-PSK without Performance Degradation
- 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 Limited Warranty

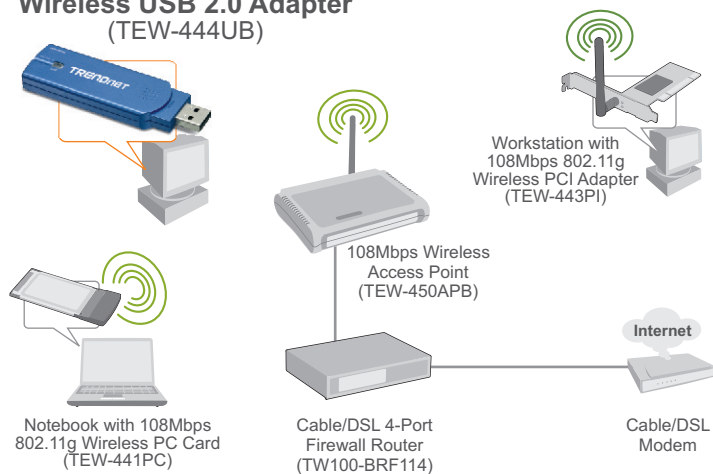
# 108Mbps 802.11g Wireless USB 2.0 Adapter TEW-444UB

## SPECIFICATIONS

Hardware	
Interface	• USB 2.0, 1.1 Compliant
Standards	• IEEE802.11b and IEEE 802.11g
Power Consumption	• 450mA @ 5V DC
Supported OS	• Windows 98SE/ME/2000/XP (32-bit) and Vista (64-bit)
Dimensions (LxWxH)	• 95 x 22 x 10 mm (3.7 x 0.87 x 0.4 inches)
Weight	• 28 g (1 oz.)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -20° ~ 70° C (-4° ~ 158° F)
Humidity	• 10% ~ 90%max (Non-condensing)
Certification	• FCC, CE
Wireless	
Channels	• 1 ~ 11 (US), 1~13 (EU)
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM
Frequency	• 2.412 ~ 2.484 GHz
Media Access Protocol	• CSMA/CA
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • SuperG: 108Mbps
Transmit Power	• 802.11b: 18dBm (typical) @ 11Mbps • 802.11g: 15dBm (typical) @ 54Mbps
Receiving Sensitivity	• 802.11b: -82 dBm @ 11Mbps • 802.11g: -70 dBm @ 54Mbps
Encryption	• 64/128-bit WEP (Hex or ASCII), WPA (AES/TKIP) • WPA/ 802.1x: (EAP-TLS, EAP-TTLS, PEAP(EAP-GTC), PEAP(EAP-MSCHAP V2), LEAP)
Channels	• 1~11(US), 1~13(EU)

## NETWORKING SOLUTIONS

### Workstation with 108Mbps Wireless USB 2.0 Adapter (TEW-444UB)



## PACKAGE CONTENTS

- TEW-444UB
- Utility & Driver CD-ROM
- Multi-Language Quick Installation Guide
- 1 x USB 2.0 Cable (102mm/4inches)

## RELATED PRODUCTS

TEW-441PC	108Mbps 802.11g Wireless PC Card
TEW-443PI	108Mbps 802.11g Wireless PCI Adapter
TEW-450APB	108Mbps 802.11g Wireless Access Point
TEW-451BRP	108Mbps 802.11g Wireless AP Router

## ORDERING INFORMATION

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