



PEATSA.

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108Mbps 802.11g Wireless USB 2.0 Adapter

TEW-444UB



TRENDnet's 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-TKIP or AES.



**Note: Coverage and Speed performance might vary depending on the network environment.*

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, and 9
- 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 2000/XP (SP1/SP2)/2003 Server
- Supports 64/128-bit WEP, WPA (AES/TKIP) 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 Warranty

Specifications

Hardware

Certification	FCC, CE, ETS
Interface:	USB 2.0, 1.1 Compliant
Standards:	IEEE802.11b and IEEE 802.11g
Power Consumption:	450mA @ 5V DC
Supported OS:	Windows 2000/XP (SP1/SP2), 2003 Server
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



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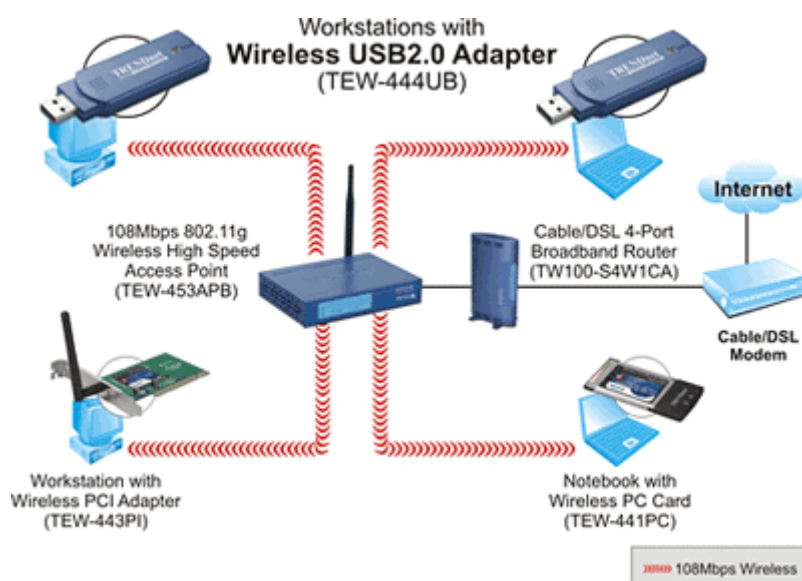
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Wireless	
Channels	1 ~ 11 (US), 1~13 (EU)
Module Technique:	<ul style="list-style-type: none">802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)802.11g: OFDM
Frequency:	2.412 ~ 2.484 GHz
Media Access Protocol:	CSMA/CA
Data Rate (auto fallback):	<ul style="list-style-type: none">802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6MbpsSuperG: 108Mbps
Transmit Power:	<ul style="list-style-type: none">802.11b: 18dBm (typically)802.11g: 15dBm (typically)
Receiving Sensitivity:	802.11b: 11Mbps 10 – 5 BER @ -82 dBm (typical) 802.11g: 54Mbps 10 – 5 BER @ -70 dBm (typical)
Encryption:	64/128-bit WEP (Hex or ASCII), WPA (AES/TKIP)
Channels:	1~11 (US), 1~13 (EU)

Networking Solution



Information provided in this document pertain to TRENDnet products and is subject to change at any time, without notice.