TEW-229UB (USB 2.0)
11Mbps 802.11b Wireless USB 2.0 Adapter

TRENDnet's TEW-229UB 11Mbps Wireless USB Network Adapter is the latest USB device for wireless network applications. Compatible with IEEE 802.11b standard, this USB 2.0 Wireless Adapter implements four high-extensive data rates of 1, 2, 5.5 and 11Mbps with automatic rate selection for fast and reliable wireless data communication. Designed for desktop PCs and Laptops with USB support, TRENDnet's TEW-229UB is fully mobile and roams seamlessly from Access Point to Access Point. This adapter allows users to create a wireless Local Area Network or connect to the wired Ethernet network at home or at the office with coverage up to 300 meters!

Specifications

- Uses 2.4 GHz Frequency Band, Which Complies with Worldwide Requirements
- Wi-Fi Compliant with IEEE 802.11b Wireless Devices
- USB 2.0 Compliant Portable Pen-Size Wireless Adapter
- Dynamically shifts between 11, 5.5, 2 and 1Mbps Network Speed (based on Signal Strength)
- Allows users to move between Access Points (Roaming) without Reconfiguring the Adapter
- Supports Ad-Hoc (Peer-to-Peer) Mode and Infrastructure (AP) Mode Network Architecture
- Supports Windows 98SE/ME/2000/XP Operating Systems
- 64/128-bit Wired Equivalent Privacy (WEP) Encryption with ASCII, HEX, or Passphrase Key
- Supports WPA (Windows XP <Service Pack 1> Wireless Zero Configuration (Utility under development)
- Includes USB Type-A Male-to-Female Extension Cable
- Plug-and-Play Operation and Simple User Setup with Diagnostics Utility
- Range of 35 to100 Meters Indoor, 100 to 300 Meters Outdoor (depends on the environment)
- 3-year warranty

Benefits

- **Integration Friendly:**
  Easy installation with plug-and-play and Hot-Swappable USB interface

- **Economical:**
  With Wireless network, users can save time, labor, and material for network cable installation

- **Flexible:**
  Creates wireless peer-to-peer network in Ad-Hoc mode or connects to Ethernet LAN in Infrastructure mode using Wireless Access Point

- **Cost Effective:**
  Supports IEEE 802.11b wireless standard, user can connect to any IEEE 802.11b wireless network

- **Performance:**
  Connects at a speed up to 11Mbps, wirelessly!

TEW-229UB (USB 2.0)
11Mbps 802.11b Wireless USB 2.0 Adapter

SPECIFICATIONS

Host Interface:
- USB Specification 1.0 and 1.1; Type-A connector

Standards:
- IEEE 802.11b

Data Rate:
- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps (Auto-Fallback)

Module Technique:
- 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)

Antenna:
- Integrated Micro-strip 2dBi Antenna

Media Access Protocol:
- CSMA/CA with ACK

LED Indicator:
- Link status

Frequency:
- 2.412 to 2.484GHz (Industrial Scientific Medical Band)

Output Power:
- Minimum 13dBm (typical)

Receiving Sensitivity:
- -11Mbps 10 – 5 BER @ -85 dBm (typical)
- 1Mbps 10 - 5 BER @ -96 dBm (typical)

Power Consumption:
- Receiving Mode: 230mA (typical)
- Transmitting Mode: 380mA (typical)

USB Cable:
- USB Type-A, male-to-female, 10cm (3.9 inches)

Channels:
- 1~14 Channels (Universal Support)

Dimensions:
- 76 x 25 x 11 mm (2.99 x 0.98 x 0.43 inch)

Weight:
- 14.2g (0.5 Oz.)

Temperature:
- Operating: 0° ~ 55° C (32° ~ 131° F)
- Storage: -25° ~ 70° C (-13° ~ 158° F)

Humidity:
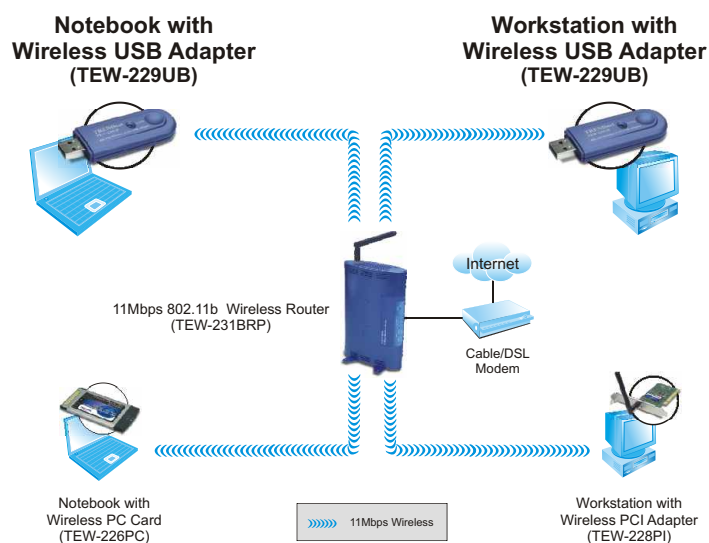- 10% ~ 95% (Non-condensing)

Drive Support:
Windows 98SE/ME/2000/XP

Certifications:
- FCC, ETS

ISO9001   FC

NETWORKING SOLUTIONS

Notebook with Wireless USB Adapter (TEW-229UB)

Workstation with Wireless USB Adapter (TEW-229UB)

11Mbps 802.11b Wireless Router (TEW-231BRP)

Internet

Cable/DSL Modem

Notebook with Wireless PC Card (TEW-226PC)

Workstation with Wireless PCI Adapter (TEW-228PI)

>>>>>> 11Mbps Wireless

RELATED PRODUCT

TEW-229UB:
11Mbps Wireless USB Network Adapter

TEW-222CF:
11Mbps Wireless CompactFlash Network Adapter

TEW-310APB:
22/11Mbps Wireless Access Point with Bridge mode.

TEW-311BRP:
22/11Mbps Wireless Broadband Router + Access Point

ORDERING INFORMATION

TRENDware International, Inc.
3135 Kashiwa Street
Torrance, CA. 90505. USA
Tel: 310-891-1100
Fax: 310-891-1111
Web: www.TRENDNET.com
Email: sales@trendware.com

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

TRENDnet
TRENDware, USA