



## **TEW-229UB** **11Mbps Wireless USB 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 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!



### **FEATURES**

- Portable Pen-Size design
- IEEE 802.11b wireless standard (also compatible with 802.11g wireless devices)
- Uses 2.4 GHz frequency band, which complies with worldwide requirement
- Plug-and-Play operation and simple user setup with diagnostics utilities
- Dynamically shifts between 11, 5.5, 2 and 1Mbps network speed (based on signal strength), for maximum availability and reliability of connection
- Allows users to move between Access Points (roaming) without reconfiguring the adapter
- Supports Ad-Hoc (peer-to-peer) mode and Infrastructure mode network architecture
- Provides drivers support for Windows 98/ME/2000/XP
- Ensures great security by providing 64/128-bit Wired Equivalent Privacy (WEP) defined in the IEEE 802.11b standard
- Includes USB Type-A male-to-female extension cable
- Distance coverage 35 to 100 meters indoor, 100 to 300 meters outdoors
- 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

## 11Mbps Wireless USB Adapter

### SPECIFICATIONS

#### Host Interface:

- USB Specification 1.0 and 1.1
- Type-A connector

#### Standards:

- IEEE 802.11b

#### Data Rate:

- 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps (auto-fallback)

#### Module Technique:

- IEEE 802.11b Direct Sequence Spread Spectrum (DSSS), CCK, DBPSK, DQPSK

#### Antenna:

- Integrated Micro-strip 2dBi Antenna

#### Media Access Protocol:

- CSMA/CA with ACK

#### LED Indicator:

- Link status

#### Frequency:

- 2.400 to 2.497 GHz  
(Industrial Scientific Medical Band)

#### Output Power:

- Minimum 13dBm (typical)

#### Receiving Sensitivity:

- -80 dBm @ 11Mbps, -87 dBm @ 2Mbps

#### Power Consumption:

- Transmit (TX): 450mA
- Receive (RX): 300mA

#### USB Cable:

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

#### Channels:

- 11 Channels (US/Canada)

#### 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:

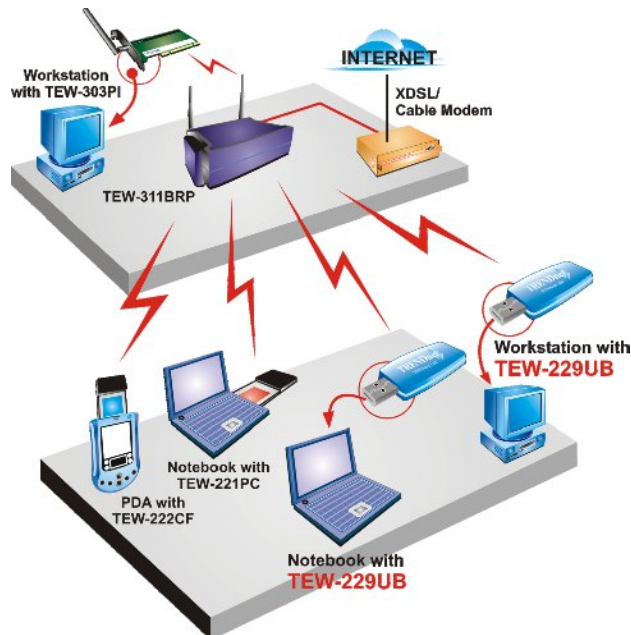
- 10% ~ 95% (Non-condensing)

#### Certification:

- FCC, CE



### NETWORKING SOLUTIONS



### PRODUCT INFORMATION

- **TEW-229UB:** 11Mbps Wireless USB Network Adapter
- **TEW-222CF:** 11Mbps Wireless CompactFlash Network Adapter
- **TEW-303PI:** 22/11Mbps Wireless PCI Network Adapter
- **TEW-310APB:** 22/11Mbps Wireless Access Point with Bridge mode.
- **TEW-311BRP:** 22/11Mbps Wireless Broadband Router + Access Point

### ORDERING INFORMATION

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