# TRENDNET ®

## Bluetooth USB Adapter
### TBW-101UB (v2.1)

Venture into the wireless realm with TRENDnet Bluetooth technology.  Enhance your PCs with Bluetooth peripherals. Unclutter your workspace with TRENDnet's TBW-101UB Bluetooth wireless technology.

## FEATURES

• Class II Bluetooth Operations

• Compliant with USB 1.1, Bluetooth 1.1 and 1.2

• Uses 2.4GHz ISM frequency band with Gaussian Frequency Shift keying (GFSK) standard

• Supports both Asynchronous Connectionless Link (ACL ) and Synchronous Connection Oriented  (SCO)

• High-Speed wireless data transmission, up to 723Kbps Data Throughput in ACL mode, and up to  64 Kbps in SCO mode

• Compatible with Windows 98SE/ME/2000/XP, Mac OS X 10.2.8 or above

• Supports up to 7 Slave Devices

• Built-in 128-bit encryption for secured data communications

• Enable computers to connect Bluetooth enabled devices such as printers, Headset, Audio/Video,  Basic Image, PDAs, and mobile phones

• Supports Generic Access (GAP), Service Discovery Application (SDAP) serial Port (SPP), Dial-    upNetwork(DUN), Fax, File Transfer (FTP), LAN Access (LAP), Synchronization (SYNC), Object Push (OPP), Generic Object Exchange (GEOP), Headset (HSP), and Hardcopy Cable Replacement (HCRP), Human Interface Device (HID) device.

• Compliant with Class 2 Bluetooth Operations

• Communicates wirelessly up to 25 meters (82 ft.) in limited condition

• Trouble free Plug-n-Play Installation

• 2-Year Warranty

## BENEFITS

**Integration Friendly:**
Drivers support Windows Operating Systems

**Economical:**
Save time, labor, and material for network cable installation

**Flexible:**
Connects PC, Laptop, Printer, Fax, Headset, Cellular Phone, and PDA to share data, files, and information quickly and easily

**Performance:**
Data Transfer Rate up to 723 kbps in ACL mode, 64 kbps in SCO mode

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

## SPECIFICATIONS

| Hardware | |
|---|---|
| **Adapter Standards** | • USB 1.1, Bluetooth 1.1 and 1.2 |
| **Antenna** | • 2dBi |
| **Link Mode** | • ACL and SCO |
| **TX Output** | • Class2 Operation |
| **Supported OS** | • Windows 98SE/ME/2000/XP, Mac OS X 10.2.8 or above |
| **Cable Length** | • 15cm(6in.) |
| **LED Indicator** | • Power |
| **Operating Voltage** | • 5V USB Power |
| **Power Consumption** | • 80mA (Max.) |
| **Temperature** | • Operation: 0°C~ 55°C (32°F~132°F), Storage: -20°C~ 55°C (-4°F~132°F) |
| **Humidity** | • 70% (Max) |
| **Dimensions** | • 57 x 18 x 11 mm (2.24 x 0.71 x 0.43 in.) |
| **Weights** | • 11 g (0.4 oz.) |
| **Certification** | • CE, FCC |
| **Wireless** | |
| **Frequency** | • 2.4 ~ 2.4835 GHz |
| **Module Technique** | • Gaussian Frequency Shift Keying ( GFSK) |
| **Output Power** | • 0dBm (typical) |
| **Receiving Sensitivity** | • - 82dBm ( typical ) |
| **Data Rate** | • Up to 723Kbps in ACL mode; up to 64Kbps in SCO mode |
| **Data Range** | • Up to 25m (82 ft.) |

## NETWORKING SOLUTIONS

**Notebook with Bluetooth USB Adapter**
(TBW-101UB)

PDA

Bluetooth Headset

Cell Phone

Printer

## PACKAGE CONTENTS

• TBW-101UB

• Quick Installation Guide

• Driver CD-ROM

• USB Cable

## RELATED PRODUCTS

| TBW-102UB | High Power Bluetooth USB Adapter |
|---|---|

## ORDERING INFORMATION