



High Power Bluetooth USB Adapter

TBW-102UB [v3.0]

Venture into the wireless realm with TRENDnet Bluetooth technology. Enhance your PCs with Bluetooth peripherals. Unclutter your workspace with TRENDnet's TBW-102UB Bluetooth wireless technology.

FEATURES

- Compliant with Bluetooth v2.0 Specification with EDR (Enhanced Data Rate) support
- Backward compatible with Bluetooth v1.1 and v1.2 devices
- Up to 3Mbps access data rate and low power consumption
- Compatible with Windows 98SE/ME/2000/XP & MCE (Media Center Edition) Operating Systems
- Built-in 128-bit encryption of secured data communications
- Enable computers to connect Bluetooth-enabled devices such as printers, headset, audio/video, basic images, PDAs, and mobile phone.
- Compliant with Class I Bluetooth Operations
- Communicates wirelessly up to 100 meters (328 ft.) (depends on the environment)
- Trouble free Plug & Play installation
- 2-Year Warranty

High Power Bluetooth USB Adapter

TBW-102UB (v3.0)

SPECIFICATIONS

| Hardware | |
|-----------------------|---|
| Standards | <ul style="list-style-type: none"> • Class I Bluetooth v2.0 with EDR • Backward Compatible with Bluetooth v1.1 & V1.2 • USB 1.1 |
| Antenna | • PCB Antenna |
| Supported OS | • Windows 98SE/ME/2000/XP, MCE (Media Center Edition) |
| Operating Voltage | • 5V (USB Bus-Powered) |
| Power Consumption | • 200mA (Max) |
| Temperature | • Operation: 0°C~ 55°C (32°F~132°F), Storage: -20°C~ 55°C (-4°F~132°F) |
| Humidity | • 95% (Max) |
| Dimensions | • 47 x 15 x 10 mm (1.85 x 0.59 x 0.39 in.) |
| Weights | • 9 g (0.3 oz.) |
| Certification | • CE, FCC |
| Wireless | |
| Frequency | • 2.4 ~ 2.4835 GHz |
| Module Technique | • GFSK (Gaussian Frequency Shift Keying), p/4 DQPSK, 8DPSK |
| Encryption | • 64/128-bit Encryption |
| Profile Support | • Bluetooth Imaging, Human Interface Device, Printer, Audio Gateway, Headset, PIM Synchronization, Fax, File Transfer, PIM Item Transfer, Dial-up Networking, Network Access, Bluetooth Serial Port |
| RF Output Power | • 12dBm (typical) |
| Receiving Sensitivity | • - 80dBm (max) |
| Data Rate | • Up to 3Mbps |
| Date Range | • Up to 100m (328 ft.) Depends on Environment |

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TBW-102UB
- Multi-Language Quick Installation Guide
- Driver CD-ROM
- USB Cable

RELATED PRODUCTS

| | |
|------------------|--|
| TBW-101UB | Bluetooth USB Adapter |
| TBW-104UB | Advanced High-Speed Bluetooth® USB 2.0 Adapter |
| TBW-105UB | Compact Bluetooth® USB 2.0 Adapter |

ORDERING INFORMATION

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