TRENDNET

Advanced High-Speed Bluetooth USB 2.0 Adapter
TBW-104UB

The USB 2.0 Bluetooth Adapter allows you to make wireless short-range connections between your computer and Bluetooth-enabled devices.. This Bluetooth v2.0 utilizes Enhanced Data Rate (EDR) to allow for data rates up to 3Mbps. The Bluetooth adapter can easily connect to your Bluetooth-enabled devices from up to 100 meters away.

FEATURES

• Compliant with Bluetooth v2.0 Specification with EDR (Enhanced Data Rate) support

• Backward compatible with Bluetooth v1.1 and v1.2 devices

• Support Full-Speed Bluetooth operation with Full Piconet support

• Support AFH (Adaptive Frequency Hopping) and Fast Connection

• Up to 3Mbps Access Data Rate and Low Power Consumption

• Compatible with Windows 2000/XP & MCE (Media Center Edition) Operating Systems

• Enable computers to connect Bluetooth enabled devices such as printers, headset, audio/video, basic Image, PDAs, and mobile phones

• Compliant with Class I Bluetooth Operations

• Communicates wirelessly up to 100 meters (328 ft.) (depends on the environment)

• Trouble free Plug-n-Play Installation

• 2-Year Warranty

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SPECIFICATIONS

Hardware

Standards	• Class I Bluetooth v2.0 with EDR • Backward Compatible with Bluetooth v1.1, v1.2 • USB 1.1, 2.0
Antenna	• External Dipole Antenna
Supported OS	• Windows 2000/XP & MCE
Power Consumption	• Typical: 95mA; Idle: 12mA • Tx max: 136mA @19dBm; Rx max: 45mA
Dimensions	• 71.25 x 35.60 x 11.25 mm (2.8 x 1.4 x 0.44 in.)
Weights	• 10 g (0.35 oz.)
Temperature	• Operating: 0° ~ 50° C (32° ~ 122° F) • Storage: -20° ~ 70° C (-4° ~ 158° F)
Humidity	• 10~90%
Emissions	• CE, FCC

Bluetooth

Frequency	• 2.400 ~ 2.483.5 GHz
Spread Spectrum	• Frequency Hopping and Adaptive Frequency Hopping
Module Technique	• GFSK, DQPSK(2Mbps) and 8DPSK(3Mbps)
Profile Support	• DUN (Dial-up Networking), FAX • LAP (LAN Access Profile), SPP (Serial Port Profile) • HID (Human Interface Device), HCRP (Hardcopy Cable Replacement Profile) • FTP (File Transfer Profile), OPP (Object Push Profile) • A2DP (Advanced Audio Distribution Profile), GAVDP (Generic Audio/Video Distribution Profile) • HSP (Headset Profile), PAN (Personal Area Networking) • BIP (Basic Image Profile), SYNC (Synchronization Profile) • AV (Audio Video), GOEP (Generic Object Exchange Profile)
RF Output Power	• 17dBm (typical)
Receiving Sensitivity	• -90dBm@0.1%BER (typical)
Data Rate	• Up to 3Mbps
Data Range	• Up to 100m (328 ft.) depends on environment

NETWORKING SOLUTIONS

Notebook with Advanced High-Speed Bluetooth USB Adapter
(TBW-104UB)

PDA

Bluetooth Headset

Cell Phone

Printer

PACKAGE CONTENTS

• TBW-104UB

• Quick Installation Guide

• CD-ROM (Driver/User's Guide)

• USB Cable (15cm/6 in)

RELATED PRODUCTS

TVP-SP1BK	ClearSky ™ Bluetooth VoIP Phone Kit (for Skype™)
TBW-103UB	802.11g Wireless & Bluetooth Combo USB Adapter
TBW-102UB	High-Power Wireless Bluetooth USB Adapter

ORDERING INFORMATION

TRENDNET

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