



USB Adapter with a Built-in Bluetooth™ Module  
*ROAD & LAN*  
*WAVE*  
**GW-BH02U**

Windows98SE

Windows2000

WindowsMe

WindowsXP

▶ Feature

The GW-BH02U utilizes the characteristic of Bluetooth™ module that enables low-cost and low power consumption wireless communication between portable information devices to further enhance the convenience of notebook PC's, PDA's and cellular phones, etc. Moreover, the product supports a wide range of applications including seven services such as business card exchange and file exchange.

■ Fully Complies with the Latest Bluetooth™ Standard Ver.1.1

Bluetooth™ is a wireless communication technology designed for portable information devices. As it works at the unlicensed 2.4GHz band, the adapter is ready for use immediately after its installation. Furthermore, the product complies with Version 1.1, the latest Bluetooth™ standard to enable data transfer rates approaching 723.2Kbps in asynchronous connection and 439.9Kbps in symmetrical communication. Bluetooth™ is also capable of providing reliable wireless data links: while IrDA (an infrared-radiation technology used in peer-to-peer communication) is unable to establish a data link between devices separated by a shielding structure, Bluetooth™ enables trouble-free data transmission to distances up to 10 meters even if an obstacle exists between the communicating parties.

■ Ultra-Compact, Conveniently Portable Design

The GW-BH02U has achieved an extremely compact size with dimensions of 46mm (L) by 18.6mm (W) by 9.5mm (H) (excluding the USB connector). Totally cable-less, the adapter can be directly and instantly attached to an available USB port to add Bluetooth™ interoperability to the device. Furthermore, it requires no external power source as it's directly powered via the USB bus.

■ Supports Various "Bluetooth™ Serial Port" Services

Between two devices equipped with the GW-BH02, wireless communication can be established through a virtual communication port just as if the communicating parties are linked via a serial cable.

\* Bluetooth™ Serial Port Services supported by the GW-BH02 are as follows:

1. Bluetooth™ Serial

Bluetooth™ provides a serial-equivalent data link between two devices.

2. Dial-up Networking

The user can access the Internet (and other networks) through a modem connected via Bluetooth™ (ex. cellular phones with a built-in Bluetooth™ module)

### 3. Network Access

Bluetooth™ provides access to a LAN.

### 4. File Transfer

Files can be transferred between computers via Bluetooth™ .

### 5. Fax

This feature allows the user to use a fax machine attached through Bluetooth™ .

### 6. Information Exchange

Business cards and other data can be exchanged between devices attached via Bluetooth™ .

### 7. Data Synchronization

Data can be synchronized between devices attached via Bluetooth™ .

## ► Specification

<b>Product Model Number</b>	<b>GW-BH02U</b>
<b>Interface</b>	USB Port (Type A)
<b>Standards Conformance</b>	USB Rev.1.1/Bluetooth™ 1.1
<b>Certified Standards</b>	FCC Part15-205,209,247,ETS300-328,300-826,ARIB(Japan) /FCC(North America) /ETSI (Europe)
<b>Frequency Range</b>	2.4GHzband (2400MHz--2483.5MHz)(Japan Band)
<b>Data Transfer Rate</b>	Approximately 732.2Kbps (Asymmetric Communication)
	Approximately 439.9Kbps (Symmetric Communication)
<b>Receive Sensitivity</b>	-80dBm - -20dBm
<b>Communication Range</b>	0.5m-10m(varies with environmental conditions)
<b>Modulation Method</b>	FHSS (Frequency Hopping Spread Spectrum)
<b>Output Class</b>	Class 2
<b>Antenna Type</b>	2dBi On-board Integrated Chip
<b>Communication Range (*1)</b>	20m
<b>Supported Platform</b>	IBM PC/AT compatible equipped with a Pentium 300MHz (or greater) CPU, 128MB (or more) RAM and a USB port
<b>Supported OSes (*2)</b>	Windows 98SE/ME/ 2000/XP
<b>Current Consumption</b>	61mA(Transmission),56mA(Reception)
<b>Supported Service Profiles</b>	Business Card Exchange, Serial Port, Dialup Networking, Fax, File Transfer, Data Synchronization, Network Access
<b>Dimensions</b>	18.6(W) x 9.5(H) x 46(L)mm

<b>Weight</b>	8g
<b>Package Contents</b>	GW-BH02U, Driver/Utility/Manual CD-ROM, Quick Installation Guide

-Under Windows98SE/ME, the number of installed virtual COM ports (infrared port, etc) must be equal to or less than three. If there are four or more COM ports, disable unused ports so that the total number of COM ports is three or less.

-If your PC has two more more USB ports, always use the GW-BH02U on the same USB port which was used during its installation.

-Under Windows2000, be sure to log on with administrator privileges.

-If another Bluetooth™ device or any other wireless LAN product has been installed on your PC, be sure to either remove or disable the wireless equipment before using the GW-BH02U.

-When connecting the GW-BH02U to a computer, be sure to directly attach the product to the PC. Do not use any USB hub between the GW-BH02U and the computer. \*1 Line-of-sight distance: may vary with the actual environmental condition

\*2 Windows98 is NOT supported.

▼ Product view

