GW-US11S 11Mbps Wireless LAN USB Adapter

Windows 98/98SE | Windows ME | Windows 2000 | Windows XP | Wi Fi CERTIFIED

Feature

The built-in USB adapter of the GW-US11S LAN card saves the trouble of manually installing and removing the network adapter to/from a USB adapter, allowing its user to easily establish a wireless LAN environment through USB port.

Handy All-in-One LAN Card

Users of conventional wireless LAN cards (wishing to use them via USB port) have had no choice but manually attach the LAN card to a USB adapter each time they use the product. That's not the case with the GW-US11S; its USB adapter is already built into the LAN card to eliminate the cumbersome task of manually connecting and disconnecting the card. Since the product supports USB, it can be easily used with mobile PC's with no PC card support as well as desktop PC's without PC card slots. Fully Plug-and-Play compatible, the GW-US11S can be installed with ease.

Wi-Fi Certified to Ensure Wireless Interconnectivity with Other Devices

The product has been Wi-Fi certified to ensure interoperability with other IEEE802.11b-compliant wireless LAN devices, and it provides interconnectivity to Wi-Fi certified products from other vendors.

High-Speed 11Mbps Wireless Data Communication

Fully compliant with the wireless LAN standards IEEE802.11/802.11b, the adapter enables high-speed wireless data communication at a maximum rate of 11Mbps.

Employs Noise-Resistant DS-SS Technology

The GW-US11S utilizes DS-SS (Direct Sequence Spread Spectrum) as its wireless communication method to provide high-speed, noise resistant and highly reliable data transfer.

Robust Security Features

As a security measure, the GW-US11S supports 64bit/128bit WEP. The product uses WEP to encrypt communication data, making it impossible to decipher should someone intercept the data by any chance. The encryption technology provides a safe and reliable network communication environment.

Supports Various Communication Modes

In addition to Ad Hoc Mode (for peer-to-peer communication), the GW-US11S supports Infrastructure Mode (for communications to wired networks via Access Points) to enable the construction of a truly flexible wireless LAN environment.

Provides Multi-Channel Support

The GW-US11S assigns one workgroup to a channel. As the adapter provides fourteen such channels, it can greatly reduce network traffic.

Supports Roaming

The wireless LAN adapter supports Roaming, an advanced technology which automatically selects (and connects to) the most appropriate access point while the user remains online and moves between multiple AP's. This way, the GW-US11S enables mobile networking (as one of the merits of wireless networking) in a wide range of user environments.

Specification

Product Model Number	USB Wireless LAN Adapter
	GW-US11S
Interface	USB (TypeA Connector)
ARIB/FCC/ETSI*	ARIB(Japan) /FCC((North America) /ETSI (Europe) (power saving data communication system)
	USB Rev1.1
	IEEE802.11/802.11b (11Mbps Wireless LAN Standards)
Frequency Range	2400-2497MHz(Japan Band) 2400-2483.5(North America, Europe Band) 2455-2475MHz(Spand Band) 2446.5-2483.5MHz(France Band)
Channels	14(Japan) 13(Europe) 11(North America)
Data Transfer Mode	Direct Sequence Spread Spectrum (DS-SS)
Data Transfer Rate	1/2/5.5/11Mbps Auto Sensing/ Fixed
Communication Range	11Mbps:30m 5.5/2/1Mbps: 90m (Indoor usage, line-of-sight distances) *May vary with different environmental conditions
Antenna Type	Chip Antenna
Modulation Methods	CCK (11Mbps ,A5.5Mbps) DQPSK (2Mbps)

		DBPSK (1Mbps)
LED Indicators		PWR, LNK
Security		ESS-ID, WEP(64bit/128bit)
Configuration Interface		Proprietary utility (supplied with the product)
Supported Platforms		IBM PC/AT compatibles
Supported OSes		Windows98/98SE/ME/XP/2000
Power Consumption	**Voltage**	+5V DC, 70mA
	Pw Consumption	2.3W
Dimensions		92(W) x 14(H) x 60(D)mm
Cable Length		40cm
Weight		97g
Operating Temperatures		0 - 55 degrees Celsius
Operating Humidities		10 - 90% (non-condensing)
EMI		VCCI Class B, FCC, CE
Warranty Period		One year
Package Contents		GW-US11S, User's Manual, Driver/Utility CD-ROM

Product View