



11Mbps Wireless LAN Converter
Road & Lanner Wave **GW-EN11H**

Windows98/98SE

WindowsMe

Windows2000

WindowsXP

CATV/ADSL Support

Feature

The GW-EN11H seamlessly connects a user on an existing LAN to a wireless LAN. The product is OS independent as wired-to-wireless LAN conversion is entirely hardware-based. The adapter also enables a game machine with a LAN port to connect to a wireless LAN.

■ High-Speed 11Mbps Wireless Data Communication

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

■ Simply Attach Your Device to the LAN Port (No Driver Installation Required)

The product utilizes a LAN port (10BASE-T/RJ-45) as its interface to another device. Any device equipped with a LAN port (any wired LAN device such as a PC, a print server, a consumer game device, etc.) can be simply and directly attached to the LAN port on the GW-EN11H to incorporate it into a wireless LAN.

* This product does NOT function as a wireless LAN access point.

■ Noise-Resistant DS-SS Technology

The adapter utilizes Direct Sequence Spread Spectrum (DS-SS) as its wireless communication method to enable noise-resistant, fast and highly reliable data transfer. Furthermore, its diversity antenna system enables high-quality data communication by automatically selecting one of the built-in two antennae that best matches the current communication status.

■ Robust Security Features

The product utilizes WEP (Wired Equivalent Privacy) to encrypt communication data, making it impossible to decipher should someone intercept the data by any chance. The GW-EN11H supports 64/128bit WEP and converts data signals to more than one trillion patterns.

■ Supports Roaming

The product 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 adapter enables the user to implement a seamless wireless LAN environment.

■ Supports Configuration via a Web Browser

The configuration parameters of wireless LAN can be adjusted through an ordinary Web browser. Using the graphical configuration interface, even a beginner can easily configure parameters for wireless LAN.

Specifications

Product Model Number		GW-EN11H
Wireless Networking	Standards Conformance	ARIB(Japan) /FCC(North America) /ETSI (Europe) IEEE802.11/IEEE802.11b
	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)
	Access Methods	Supports Ad Hoc Mode, Infrastructure Mode and Roaming
	Data Transfer Rate	11/5.5/2/1Mbps automatic detection
	Communication Range	Outdoor: 300m Indoor: 80m *May vary with different environmental conditions
	Antenna Type	Built-in Chip Antenna
	Security Features	ESS-ID,WEP(64bit/128bit)
	Wired Networking	Standards Conformance
Ports		10BASE-T RJ-45 MDI/MDI-X Port x 1 Port
Data Transfer Rate		10Mbps
Supported Cables		10BASE-T Category 3/4/5 Twisted-Pair Cables (Maximum Length = 100m)
Configuration Interface		Proprietary software (supplied), Web browser
LED Indicators		Wireless ,Ethernet
Supported Platforms		IBM PC/AT Compatible
Supported Platforms		Network devices equipped with an RJ-45 port

Supported OSes	Windows95/98/98SE/Me/XP/Windows2000/NT//Macintosh/UNIX OSes
Power Consumption	2.1W
Dimensions	108.5(W) x 76(H) x 44.5(D)mm
Weight	97g
Operating Temperatures	0 - 40 degrees Celsius
Operating Humidities	35 - 85% (non-condensing)
EMI	VCCI Class B
Package Contents	GW-EN11H, AC Adapter, User's Manual, 1M LAN Cable, Driver/Utility CD-ROM (Supported OSes: Windows 98/98SE/Me/2000/XP)

Since no cabling is required to set up a wireless LAN, virtually anyone can establish and start using a wireless LAN with ease. However, data communication between two nodes may fail or slow down significantly if they are separated by any of the following materials (see below). To ensure stable data communication, it is strongly recommended to remove these objects or environmental factors from the installation site.

Material of obstacle	Influence upon Transfer Distance (The large number means that it is more obstructive material.)	Specific Example
Air	X	-
Wooden	XX	Wooden Partition
Gypsum	XX	Partition wall
Composite Material	XX	Plywood Partition
Asbestos	XX	Ceiling
Glass	XX	Windowpane, Wall
Water	XXX	Wet Wood
Brick	XXX	Wall
Marble	XXXX	Wall
Cement Concrete	XXXX	Floor, Wall
Bulletproof Glass	XXXX	Sentinel Cabin
Iron	XXXXX	Partition, Reinforced Concrete Wall

▼ Product view

