

GW-AP11H 11Mbps Wireless LAN Access Point



Feature

The GW-AP11H is an IEEE802.11b compliant wireless LAN access point that utilizes the latest wireless controller chipset.

■ High-Speed 11Mbps Wireless Data Communication

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

*Scheduled to support IEEE802.1x that enables both central password management and per-user authentication upon connection

■ Utilizes the Latest Prism2.5 Chip to Achieve Price Reduction

The product utilizes Prism 2.5 chip as its communication chip to allow further reduction in price.

■ Compact Design, Vertical Installation Type

Designed for vertical installation, the small-footprint access point can be installed almost anywhere. Its built-in chip antenna further saves space in your office or home.

■ Robust Security Features

Its MAC address filtering function blocks any access from PC's other than those already on the internal access permission list to guard the system against unauthorized accesses. The product also uses WEP (Wired Equivalent Privacy) to encrypt communication data, making it impossible to decipher should someone intercept the data by any chance. The GW-AP11H supports 64/128bit WEP and converts data signals to more than one trillion patterns.

■ Supports Roaming

The access point 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 product 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.

■ **Provides Connectivity to the Existing Wired LAN**

Since the access point is equipped with a 10BASE-T interface, the user can easily add a wireless segment to the existing wired local network.

■ **Provides Multi-Channel Support**

The product supports up to 14 channels. Unnecessary wireless traffic is eliminated as a unique channel is automatically assigned to each access point. In this manner, the GW-AP11H can reduce network load and improve data transfer speed.

► **Specification**

Product Model Number		Access Point
		GW-AP11H
Wireless Networking	Standards Conformance	ARIB(Japan) /FCC(North America) /ETSI (Europe)
		IEEE802.11 ,IEEE802.11b
	Data Transfer Rate	11/5.5/2/1Mbps automatic detection
	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 Infrastructure Mode and Roaming
	Communication Range	Outdoor: 300m Indoor: 80m *May vary with different environmental conditions
	Antenna Type	Built-in Chip Antenna
	Modulation Type	CCK:11Mbps,5.5Mbps DQPSK:2Mbps DBPSK:1Mbps
	Security Features	ESS-ID, MAC Address Filtering, WEP(64bit/128bit)

Wired Networking	Standards Conformance	IEEE802.3 10BASE-T
	Ports	RJ-45 MDI/MDI-X 10BASE-T 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 OSes		Windows98/98SE/Me/XP/Windows2000
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-AP11H, AC Adapter, User's Manual, LAN Cable (1m), 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

