

## GW-AP54SG IEEE802.11g Wireless LAN Access Point



### ▶ Feature

The ideal solution for any network administrator who needs expand the capacity of the wireless network. This is especially applicable to wireless networks in high traffic areas such as airports, coffee shops, shopping centers, sporting venues, and university campus deployments. At transfer rates of up to 54Mbps and 108Mbps Super G mode in the 2.4GHz frequency range, users connected to the GW-AP54SG will enjoy faster downloads and truly instant email communication. In addition to bridging 802.11b/g wireless networks, the GW-AP54SG can bridge to wired networks with its integrated 10/100 Ethernet port. For more secure communication, the GW-AP54SG supports the encryption settings up to 152-bit WEP, and advanced security of WPA and AES. With its web-based configuration the GW-AP54SG is easy to install, alter or activate advanced setting, or update with the latest firmware.

- Operating at 2.4 ~ 2.5GHz to meet world wide regulations.
- Allows auto fallback data rate for reliability, optimized throughput and transmission range.
- Supports IEEE 802.11b/g wireless data encryption with 64/128/152-bit WEP for security.
- Web-based configuration and management.
- Dual diversity antennas for the multi-path environment.
- Supports enhanced security - WPA, 802.1x, RADIUS client, and Cipher negotiation, and AES.
- Supports DFS/TPC for European operations.
- Supports 10/100M Ethernet port.
- Type approval compliant with USA, Japan and Europe regulation.
- Provide Ethernet to Wireless LAN bridge fully IEEE 802.3 compatible on the Ethernet side and fully interoperable with IEEE 802.11b/g compliant equipment.
- Compatible with IEEE 802.11b high rate standard to provide wireless 11Mbps data rate.
- Compatible with IEEE 802.11g Draft higher speed standard to provide wireless 54Mbps data rate, and the Super G mode of 108Mbps (for some restricted areas only)



■ Antenna can be exchanged

► Specification

Model Number		GW-AP54SG
Wireless	Standards Conformance	IEEE802.11B,IEEE802.11g
	Data Transfer Method	BPSK,QPSK,16QAM,64QAM,OFDM
	Frequency Range	2400 to 2497MHz(Japan band 2400 to 2483.5MHz(North America Europe band)
	# of Channels	14(Japan),13(Europe),11(North America)
	Modulation Methods	DBPSK,DQPSK,CCK
	Data Transfer Rate	11b:11/5.5/2/1Mbps Auto-Detection 11g:54/48/36/24/18/12/9/6 Auto-Detection The turbo mode of 108Mbps
	Communication Modes	Infrastructure Mode,Ad-Hoc Mode
	Roaming	Supported(IAPP ready)
	Security Features	64/128/152bit WEP MAC address filtering ESS-ID stealth WPA(authentication:802.1x/EAP-MD5TLS,PSK)
	Antenna Type	Dipole Detachable Antenna(SMA type)
Wired	Standards Conformance	IEEE802.3,IEEE802.3u,IEEE802.3x
	Number of Ports	10/100M x 1ports (RJ-45 UTP/STP) Auto MDI/MDI-X
LED Indicators		Power,10/100M,Wireless Link/Act

<b>Supported Platforms</b>	IBM PC compatible computers
<b>Supported OSes</b>	Windows98SE/Me/2000/XP
<b>Configuration Interface</b>	WEB browser
<b>Operating Temperature</b>	-20 to 65 degrees Celsius
<b>Operating Humidity</b>	5 to 98% (non-condensing)
<b>Dimensions(W x H x D)</b>	139.5(W) x 29.5(H) x 114.5(D)mm
<b>Weight</b>	183g
<b>Power Consumption</b>	3.3W max
<b>Working Voltage</b>	DC5V/2A
<b>Package Contents</b>	GW-AP54SG, Two Antenna, UTP straight-through LAN cable, Wall mount Kit, AC power adapter, User's Manual