GW-AP54SGX

IEEE802.11 b/g 108Mbps Wireless Access Point

The 2.4 GHz Wireless Access Point (GW-AP54SGX) is an 54 Mbps wireless repeater that seamlessly integrates with existing Ethernet networks to support applications such as mobile users or temporary conferences. This solution offers fast, reliable wireless connectivity with considerable cost savings over wired LANs (eliminates long-term maintenance overhead for cabling). Just install enough wireless access points to cover your network area, plug wireless cards into your notebooks or install wireless adapters into your desktops, and start networking. Use this device in conjunction with wireless PC/PCI cards to create an instant network that integrates seamlessly with Ethernet LANs. Moreover, moving or expanding your network is as easy as moving or installing additional access points - no wires!

Feature

IEEE802.1x | Auto Negotiation | Browser Config | Total 802.11 Super G ATHEROS | NDS Support

Flow Control | WPA | RADIUS

- 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 turbo mode of 108Mbps (For USA)
- One Antenna (2 dbi)
- Operation at 2.4~2.5GHz to meet worldwide regulations
- Allows auto fallback data rate for reliability, optimized throughput and transmission range
- Supports IEEE 802.11 b/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

Specification

Model Number	GW-AP54SGX
Standards	IEEE 802.11b Wireless LAN IEEE 802.11g Wireless LAN IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet
Ports	One 10/100Mbps Ethernet LAN ports
Data Rates	802.11b:11, 5.5, 2, and 1Mbps 802.11g :108, 54, 48, 36, 24, 18, 12, 9 and 6Mbp
Security Encryption	64/ 128 bit WEP encryption
Media Access Control	CSMA/CA with ACK
Operating Frequency	802.11b: 2400 ~ 2497MHz ISM band 802.11g : 2400 ~ 2483.5MHz ISM band
Modulation Technology	802.11b:DQPSK, DBPSK and CCK 802.11g :BPSK, QPSK, 16QAM, 64QAM, OFDM
Transmitter Output Power	802.11b: Typical 18dBm at 11, 5.5, 2 and 1Mbps 802.11g Draft: Typical RF Output Power at each Data Rate +14 ~ 15dBm at 54Mbps and 108Mbps +14 ~ 16dBm at 48Mbps +16 ~ 18dBm at 36, 24, 18, 12, 9, and 6Mbps
External Antenna Type	2 dBi antenna with reverse SMA connector
LED indicators	Power Green for power on LAN Green (flashing for activity) WLAN Green (flashing for activity)
Device Management	Configuration via WEB Configuration via Telnet
Power Input	DC 5V, 2A
Physical Dimension	157(W) x 103(H) x 34(D) mm <no-antenna>

Weight	185g
Agency and Regulatory	CE, FCC, DGT,TELEC
Operating Temperature	-5°C to 55°C
Operating Humidity	20~85% non-condensing