EW-7209APg

IEEE-802.11g Wireless LAN Access Point + 5 Ports 10/100M Switch

IEEE 802.11g/b Wireless LAN Access Point
Acting as a bridge between the wired Ethernet and the 2.4GHz IEEE 802.11g/b wireless LAN, this wireless LAN access point can let your wireless LAN client stations access both the wired and the wireless network nodes.

Universal Repeater Mode
The Universal Repeater function can extend the coverage and signal strength for the current wireless environment. It is compatible with other wireless APs and Routers. Users can use this feature to build up a large wireless network in a huge space like airports, hotels and schools…etc.

Station Mode (AP Client Mode)
You can connect EW-7209APg to a network device's Ethernet port and enable Station mode. It turn easily this wired network device to a wireless one without changing any configuration.

Robust Wireless Security
Beside the basic security control by ESSID and 64/128 bit key length WEP encryption, this access point also supports the advanced security features, like MAC access control, IEEE 802.1x authentication, TKIP, AES and hidden ESSID. It provides a total solution for you to build up a secure wireless network environment that can prevent from hacker intrusion.

Built-in 5-Port 10/100Mbps Switch
EW-7209APg builds in 5-port 10/100Mbps switch. You don't need a separate switch when you plan to connect the wired and wireless network. EW-7209APg saves the cost and makes the network easy.

Web Configuration
You can configure this access point through the friendly Web user interface with a browser.

FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with the IEEE 802.11g/b 2.4GHz specification
- Supports 2.400~2.4835 GHz frequency band, 1~14 channels
- High data rate up to 54Mbps network speed
- Auto rate fallback in case of obstacles or interferences
- Supports point-to-point and point-to-multi point bridge function
- Supports WDS (Wireless Distributed System) repeater mode
- Supports roaming link integrity
- Supports authentication for wireless connectivity based on ESSID
- Provides 64/128 bit key length WEP data encryption
- Supports WPA, WPA2 security enhanced function (pre-shared key, 802.1x, TKIP, AES ...)
- Provides MAC access control and hidden SSID function
- Provides RADIUS server with EAP-MD5/PEAP authentication function
- Provides DHCP server
- Supports Web-based configuration, firmware upgradeable via Web
- Provides RP-SMA detachable antenna that can be easily replaced by an high-gain outdoor antenna

Hardware Interface	CPU, SWITCH & RF	POWER ADAPTER
• RP-SMA Detachable Antenna • Reset button • LED indicators: Power, LAN Link/Activity, Wireless Activity	• CPU: RealtekRTL8186 • Switch: Realtek RTL8305SC (5 Port Switch) • RF: Realtek RTL8225	• 12V DC, 0.4A Switch Power Adaptor

Transmit Power	INSTALLATION	MEMORY
• 18dBm	• Quick installation Guide	• 2 MB NOR Flash • 16 MB SDRAM

SECURITY	LAN PORT	HUMIDITY & TEMPERATURE
• 64/128-bit WEP, WPA and WPA2 • MAC Filter	• 10/100M UTP Port x 1	• Max. 10~90% (Non Condensing) • 10 ~40°C

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

SYSTEM REQUIREMENTS	DIMENSION	CERTIFICATIONS
• Windows 95/98/ME/2000/XP/Vista	• 30(H)*187(W)*100(D) mm	• FCC , CE

An example of how the EW-7209APg can be setup:
- Connect the access point to ADSL modem, router, or switch/hub in your network through the LAN port of the access point by Ethernet cable.
- Connect a computer to the LAN port and setup the Internet connection by running the multi-language setup wizard.
- Connect wireless devices to EW-7209APg.

Internet

AR-7084gA
ADSL Router

EW-7209APg
Access Point

EW-7108PCg
Cardbus

EW-7318Ug
USB Adapter