



**EW-7206APg**

## Wireless LAN Access Point IEEE 802.11g/b Compatible



### **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-7206APg to a network device's Ethernet port and enable Station mode. It turns 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.

### **RP-SMA Detachable Antenna**

This access point provides a standard RP-SMA antenna connector that can let you apply all kinds of high gain antennas. This can help you enlarge your wireless LAN coverage.

### **Web Configuration**

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



This equipment is intended to be used in all Europe and EFTA countries. Hereby Edimax Technology declares that this product is in conformity with the European R&TE Directive (1999/5/EC). A declaration of conformity is available on [www.edimax.com](http://www.edimax.com)

## FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with the IEEE 802.11b (DSSS) 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 WPA / WPA2 security enhanced function
- Supports WDS(Wireless Distributed System) bridge mode
- Provides station mode to act as a wireless LAN client station
- Supports roaming link integrity
- Supports authentication for wireless connectivity based on ESSID
- Provides 64/128 bit key length WEP data encryption
- Provides MAC access control
- Provides DHCP server
- Supports Web-based configuration
- Firmware upgradeable via Web
- Compact-size design

Hardware Interface	CPU & RF	POWER ADAPTER
<ul style="list-style-type: none"> <li>• RP-SMA Detachable Antenna x 1</li> <li>• Reset button</li> <li>• LED indicators: Power, LAN Link/Activity, Wireless Activity</li> </ul>	<ul style="list-style-type: none"> <li>• CPU: Realtek RTL8186</li> <li>• RF: Realtek RTL8225</li> </ul>	<ul style="list-style-type: none"> <li>• 12VDC, 0.4A Switch Power Adaptor</li> </ul>
Transmit Power	INSTALLATION	MEMORY
<ul style="list-style-type: none"> <li>• 18dBm</li> </ul>	<ul style="list-style-type: none"> <li>• Quick installation Guide</li> </ul>	<ul style="list-style-type: none"> <li>• 2 MB NOR Flash</li> <li>• 8 MB SDRAM</li> </ul>
SECURITY	LAN PORT	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> <li>• 64/128-bit WEP, WPA and WPA2</li> <li>• MAC Filter</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100M UTP Port x 1</li> </ul>	<ul style="list-style-type: none"> <li>• Max. 10~90% (Non Condensing)</li> <li>• 10 ~40°C</li> </ul>
SYSTEM REQUIREMENTS	DIMENSION	CERTIFICATIONS
<ul style="list-style-type: none"> <li>• Windows 95/98/ME/2000/XP/Vista</li> </ul>	<ul style="list-style-type: none"> <li>• 30(H) x 127(W) x 96(D) mm</li> </ul>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7206APg 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 follow the quick installation guide to configure the advanced setting of Access point .
- Connect wireless devices to EW-7206APg.

