



**EW-7303HPn**

## High Power Wireless 150Mbps Outdoor Range Extender/Access Point

### High power solution boosts coverage and signal strength

Edimax EW-7303HPn is a high speed wireless broadband router that complies with wireless IEEE 802.11b/g/n standards. The EW-7303HPn high power design enhance the wireless output power to 600mW. Its coverage and distance is more than 5KM with the build-in 9 dBi directional antenna. With fine-tuned performance, the EW-7303HPn is truly the best choice of cost-effective long distance data transfer solution.

### Multiple Operation Modes

In addition to easy installation, the EW-7303HPn Outdoor Range Extender/Access Point can be configured to operate in four modes: Access Point (AP), Client Mode, Wireless Distribution System (WDS) with AP, or pure WDS. These settings provide versatile solutions to a wide range of wireless applications.

### Outstanding Antenna Design

Edimax understand that the performance of outdoor solution is heavily relies on the antenna design. We co-work with a Taiwan famous college, Oriental Institution of Technology, to develop the 9 dBi directional panel antenna with latest technology. This fine-tuned antenna not only increase the transmission distance but also stabilized the wireless signals. (The tested data rate could reach 10Mbps at 5KM distance without any additional antenna)

### Technician-free design

With the robust and slim design, EW-7303HPn could be installed to any wall or pole at any place. Its light weight could also fit to any condition of the deployment circumstance. There is no requirement for professional training of EW-7303HPn installation.

### Web Configuration

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

## Features

- Complies with the IEEE 802.11b/g and IEEE802.11n standards.
- Supports 2.4000~2.4835GHz frequency band.
- High data rate up to 150Mbps 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 AP Client mode.
- Supports WEP, WPA, WPA2, AE2, 802.1x authentication.
- Supports WPS (Wi-Fi Protected Setup) function.
- Supports Web-based configuration.
- Firmware upgradeable via Web browser
- Supports Low Noise Amplifier (LNA)
- Supports operation modes: Gateway, Bridge, Wireless ISP
- Supports VPN pass through for PPPoE, PPTP, and L2TP connections

## Specification

Product	High Power Wireless 150Mbps Outdoor Range Extender/Access Point
Frequency Band	2.4GHz~2.484GHz
Flash	2 MB NOR Flash
RAM	8 MB SDRAM
LAN Port	10/100M Passive PoE Port x 1
Antenna	Internal Directional 9 dBi panel antenna
Output Power	11n: 24±1dBm, -89dBm 11g : 26±1dBm, -91dBm 11b :28±1dBm, -93dBm
Power	12VDC, 1A Single Range Switching Power Adapter
Dimension	225(H) x 77(W) x 59(D) mm
Temperature	Operating: 0~60 °C
Humidity	Operating: 10~90% (Non-Condensing) Storage: Max. 95% (Non-Condensing)
Certification	FCC