



**HP-2002APn**

## 200Mbps PowerLine Adapter with 150Mbps Wireless Access Point



### All-in-one Device

The HP-2002APn is an all-in-one device integrating Powerline adapter, 150Mbps wireless access point and one 10/100Mbps Ethernet port. You can use Ethernet port and wireless access point to connect with existing network devices (wired or wireless), while using Powerline network through the electricity circuit. The HP-2002APn is the perfect choice to extend the network in an environment unable to deploy Ethernet cables or wireless.

The HP-2002APn turns the existing electric wires in your home or office into a high-speed network. You don't have to install the network cables and be annoyed with the cables planning-- just use the electric wires that already run through the building! Just plug the HP-2002APn into the power socket on the wall, and connect your Ethernet-equipped device or wireless devices to the HP-2002APn and you've turned your whole house into network infrastructure!

### Easy Installation

A unique Ezmax Setup Wizard is included in the installation CD. The Wizard helps you to install the HP-2002APn and setup wireless SSID and security of HP-2002APn within minutes!

### Supports 8 SSIDs & QoS & IGMP v2

The HP-2002APn supports 8 different SSIDs for wireless clients. Each SSID can have different wireless security settings which allows you to segment wireless traffic. The HP-2002APn built-in Quality of Service (QoS) provides an efficient way for computers in the network to share the internet bandwidth with a guaranteed quality of Internet service. With up to 200Mbps data rates and IGMP multicast, you can run streaming video and VoIP applications smoothly.

### Supports 128-bit AES/WEP/WPA/WPA2/WPS/802.1x for Security

HP-2002APn supports WEP/WPA/WPA2/MAC filter to protect your wireless network from eavesdroppers. It also supports 128bit AES encryptions for Powerline transmission. The robust security is important to avoid Malicious intruders when you build up a network.



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&TTE Directive (1999/5/EC). A declaration of conformity is available on [www.edimax.com](http://www.edimax.com)

## FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	MODULATION	POWER & CONSUMPTION
<ul style="list-style-type: none"> <li>1 Power jack + 1 10/100Mbps Ethernet Port</li> <li>1 Group Button</li> <li>1 WPS Button</li> <li>1 Reset Button</li> <li>1 High Gain Wireless Antenna</li> <li>LED Indicators: Power, Ethernet, Powerline, WPS and Wireless</li> </ul>	<ul style="list-style-type: none"> <li>Supports QAM 256/64/16/8, QPSK, ROBO, BPSK, carrier Modulation</li> <li>802.11b (DSSS): DBPSK, DQPSK, CCK</li> <li>802.11g/802.11n(OFDM): BPSK, QPSK, 16QAM, 64QAM</li> </ul>	<ul style="list-style-type: none"> <li>100~240V AC 50/60 MHz</li> <li>7W (Typed)</li> </ul>
SECURITY & SUPPORT OS	RATE	HUMIDITY & WEIGHT
<ul style="list-style-type: none"> <li>128-bit AES Encryption for PowerLine</li> <li>64/128/256-bit WEP, WPA and WPA2</li> <li>Hide SSID and MAC Address Filter for Wireless Clients</li> <li>Utility supports Windows 98SE/ME/2000/32&amp;64 bit XP/32&amp;64 bit Vista</li> </ul>	<ul style="list-style-type: none"> <li>PowerLine rate : 200Mbps</li> <li>Data rate : 65Mbps (TCP) / 90Mbps (UDP)</li> <li>Wireless rate</li> <li>11n : 150Mbps</li> <li>11g : 54Mbps</li> <li>11b : 11Mbps</li> </ul>	<ul style="list-style-type: none"> <li>10-90% (Non-condensing)</li> <li>279g</li> </ul>
FUNCTIONS	DIMENSION & TEMPERATURE	CERTIFICATIONS
<ul style="list-style-type: none"> <li>Powerline Coverage Range up to 200 meters</li> <li>Wireless 802.11b/g and compatible with 150Mbps 802.11n Access Point</li> <li>Supports IGMP V2, Plug and Play</li> <li>Supports 8 SSIDs , AP/MBSSID isolation</li> <li>Integrated Quality of Service (QoS)</li> </ul>	<ul style="list-style-type: none"> <li>110 x 108 x 50 mm</li> <li>0~40 Degree Celsius</li> </ul>	<ul style="list-style-type: none"> <li>CE</li> </ul>

## NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

### An example of how the HP-2002APn can be setup :

- Plug the HP-2002APn to the power outlet and connect the HP-2002APn to your Broadband router or a switch.
- Plug the HP-2002APn to the power outlet and connect the HP-2002APn to your computer via Ethernet port or wireless adapter .

