EDIMAX
NETWORKING PEOPLE TOGETHER

support Windows 7

Setup Wizard EZmax

GreenWLAN™

GREEN

n150

EW-7228APn

150Mbps Wireless 802.11 b/g/n Range Extender / Access Point with 5-Port switch

150 Mbps | Detachable antenna | WiFi | EZmax | WPS | MAC | Windows 7 support

Wireless 802.11n Range Extender/Access Point

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

Universal Repeater Mode

The Universal Repeater Mode lets this Range Extender/Access Point extend the coverage and signal strength for the current wireless environment. This standardized function 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.

Robust Wireless LAN Security (WPA, WPA2 support)

Except for the basic security control by using ESSID and 64/128 bit key length WEP encryption, the EW-7228APn also supports the advanced security features, like MAC access control, IEEE 802.1x authentication, TKIP, AES and hide ESSID. It provides a total solution for you building up a secure wireless LAN network environment that can prevent from all kinds of hacker intrusion.

Multi-languages Setup Wizard

An unique Multi-languages Setup Wizard is provided in the bundled CD. You only need to make sure the access point is properly connected to the network without specifying your PC's IP address before starting the configuration. The EZmax Wizard will detect your Range Extender/Access Point automatically and guide you to follow a few simple steps to complete the settings within minutes.

Web Configuration

The EW-7228APn allows you to configure this Range Extender/Access Point through the friendly Web user interface with a browser.

Support Green WLAN

The EW-7228APn has adapted a clever protocol in smart transmission power control. When the wireless is idle, the Range Extender/Access Point smartly adjusts transmission output by distance and CPU offload to reduce power consumption 26%~39% comparing the power consumption under data is transmitted.

*The result may be varied in different networking environment

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

FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE

- 5 x Fast Ethernet LAN Port
- LED Indicators: Power, WLAN, LAN
- Detachable 3dBi Dipole Antenna x 1
- WPS/Reset Button

MANAGEMENT

- HTTP/TFTP Firmware Upgrade
- Supports Web-based configuration

MEMORY

- 2 MB Flash
- 16 MB SDRAM

POWER ADAPTER

- DC 5V, 0.6A

INSTALLATION

- 14-languages EZMax Setup Wizard

CERTIFICATION

- CE, FCC

SECURITY

- 64/128-bit WEP Encryption and WPA-PSK, WPA2-PSK security
- Supports Radius server authorization function
- Supports DHCP Server/Client

FREQUENCY & MODULATION

- 2400~2484MHz
- 802.11b: CCK, DQPSK, DBPSK
- 802.11g: 64QAM, 16QAM, QPSK, BPSK, DSSS
- 802.11n: 64QAM, 16QAM, QPSK, BPSK

HUMIDITY & TEMPERATURE

- Operating 10-90% (Non-condensing)
  Storage: Max. 95% (Non-condensing)
- Operating 0~40 degree Celsius
  Storage: -20~60 degree Celsius

FUNCTIONS

- Provide MAC address control
- Supports 4 SSIDs
- 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 Universal Repeater mode
- Supports AP Client mode.
- Supports WPS hardware button for easy wireless association
- Support Green WLAN for smart Tx power saving, Implicit Rx power saving and CPU offload.

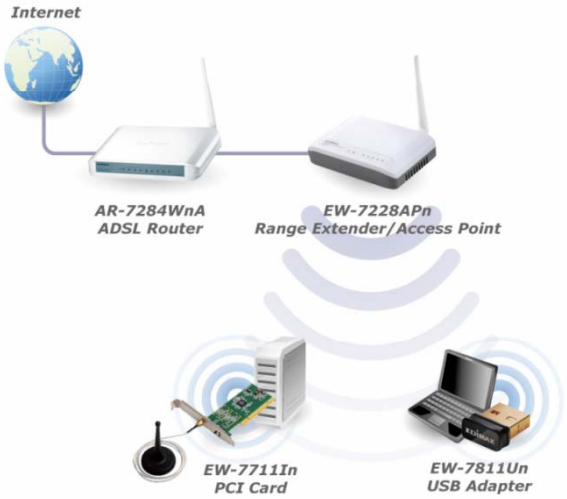
DIMENSION & OUTPUT POWER

- 26(H) x 136(W) x 90(D) mm
- 11n: 14±1.5dBm, 11g: 15±1.5dBm
  11b:17±1.5dBm

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7228APn can be setup:

- Connect the EW-7228APn 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.
- Share the Internet connection by connecting a LAN cable to other computers or wireless devices.



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