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Setup Wizard
EZmax

EW-7416APn V2

Wireless 802.11n
Range Extender/Access Point

to **300** mbps · **2T2R** MIMO · **VISTA** support · **DETACHABLE ANTENNA**
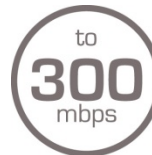
802.11n Draft 2.0 Wireless LAN Access Point
Acting as a bridge between the wired Ethernet and the 2.4GHz IEEE 802.11b/g/n wireless LAN, this wireless LAN access point can let your wireless LAN client stations access both the wired and the wireless network nodes.

WDS Bridge Mode (Repeater Mode)
The WDS (Wireless Distributed System) function let this access point acts as a wireless LAN access point and repeater at the same time. Users can use this feature to build up a large wireless network in a large space like airports, hotels and schools …etc. This feature is also useful when users want to bridge networks between buildings where it is impossible to deploy network cable connections between these buildings.

Robust Wireless LAN Security (WPA, WPA2 support)
Except for the basic security control by using 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 hide ESSID. It provides a total solution for you to build up a secure wireless LAN network environment that can prevent from all kinds of hacker intrusion.

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

SGS · UKAS · RoHS · FC · CE① 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

- Complies with the IEEE 802.11b/g and IEEE802.11n standards.
- Supports 2.4000~2.4835GHz frequency band.
- High data rate up to 300Mbps 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 Universal Repeater mode.
- Supports AP Client mode.
- Supports four sets of ESSID to group the different wireless networks.
- Support WEP, WPA, WPA2 securities and RADIUS server authorization function.
- Supports WPS (Wi-Fi Protected Setup) function.
- Provides MAC access control.
- Supports hidden SSID function.
- Supports Web-based configuration.
- Firmware upgradeable via Web browser.

Specification

Product	Wireless 802.11n Access Point
SoC + RF	Ralink RT3052
Flash	4 MB Flash
RAM	16 MB SDRAM
LAN Port	10/100M UTP Port x 1
Antenna	Detachable 3dBi Dipole Antenna x 2 (2T2R MIMO Technology)
Output Power	11n: 14$\pm$1dBm, 11g: 15$\pm$1dBm, 11b: 17$\pm$1dBm
Power	5VDC, 1A Single Range Switching Power Adapter
Dimension	30(H) x 127(W) x 96(D) mm
Temperature	Operating: 0~40 ℃ Storage: -20~60 ℃
Humidity	Operating: 10~90% (Non-Condensing) Storage: Max. 95% (Non-Condensing)
Certification	FCC, CE