

Plus True MIMO Technology For High Speed & Wide Coverage



Key Features

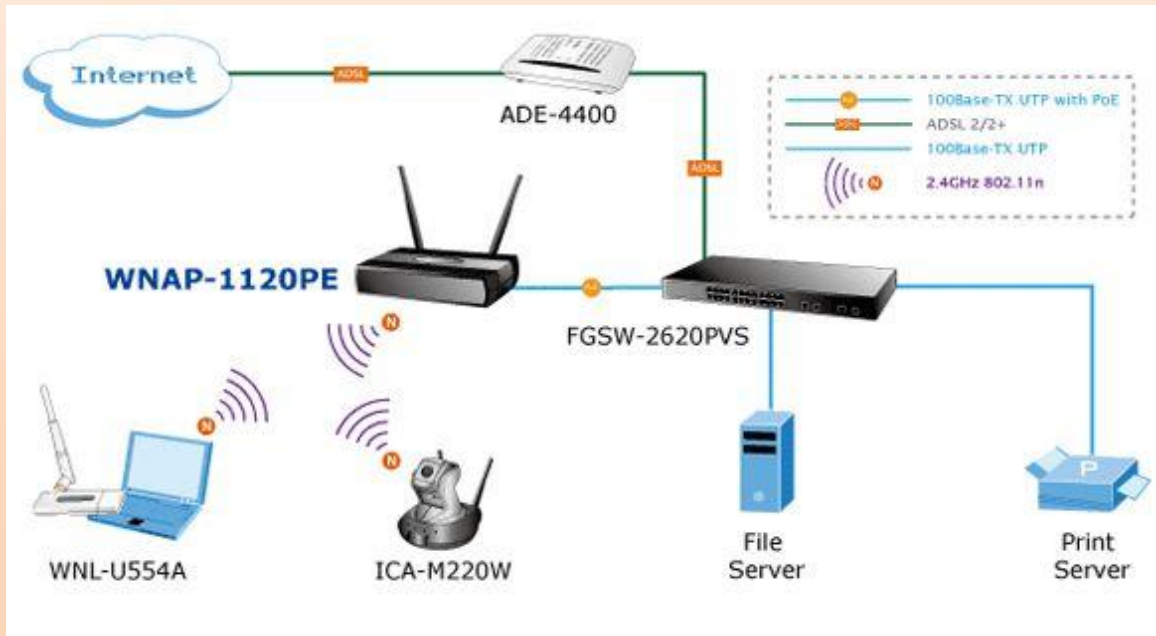
- Compliant with IEEE 802.11n (Draft 2.0) wireless technology capable of up to 300Mbps download /upload data rate
- Support PoE port (IEEE 802.3af compliant)
- Supports Wi-Fi Protected set up (WPS)
- Compliant with 802.11b/g standard
- Wider coverage, with fewer dead spots and higher data throughput with 802.11n technology
- 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x)
- AP / Station-Infrastructure / Bridge Point to Point / Bridge Point to Multipoint / WDS & Repeater modes supported
- Supports DHCP Server
- System monitoring includes Active wireless client Table
- Easy to use Web-based GUI for configuration and management purposes
- Multiple SSID / 802.11Q tagging function
- MAC filter access control and built-in Radius Server function



Application

High-Speed WLAN with Internet Connection

The WNAP-1120PE is an ideal solution that enables users to enjoy the benefits of 300Mbps high-speed wireless networking. Locate the WNAP-1120PE at the central point of an office or house, and then connect it to an ADSL Router. The WPA-PSK / WPA2-AES mechanism of the WNAP-1120PE effectively prevents eavesdropping by unauthorized users.



Overview

The PLANET WNAP-1120PE is an 802.11n Wireless PoE Access Point and is backward compatible with 802.11b/g. The transmitting data rate can be up to 300Mbps. The 11n PoE AP features 2 x 2 (TX/RX) intelligent antennas offering high performance and enhanced wireless coverage.

To provide a secure WLAN, the WNAP-1120PE supports 64/128-bit WEP (Wired Equivalent Privacy), WPA, WPA2 Encryption setting and MAC filter access control. The WNAP-1120PE supports Bridge Point-to-Point, AP Bridge-WDS, and Universal repeater mode. The WNAP-1120PE features the Wi-Fi Protected set up (WPS) in two methods: PBC/PIN. To may make secure connections simply push a button or key in a PIN code.

The WNAP-1120PE supports VLAN functions to allow multiple SSID (Four sets SSID) to access Internal VLAN topology. Moreover, WMM capability can provide better service for selected traffic or applications. To prevent unauthorised wireless access the WNAP-1120PE has MAC access control and a built-in Radius Server function.

The WNAP-1120PE provides a total solution for the small office and the SOHO users. With the MIMO 11n wireless technology, it is easy to combine wireless devices with an existing wired network

Specifications

Model	WNAP-1120PE
Product	
Standard	IEEE 802.11b/g, 802.11n Draft 2.0
Signal Type	11b mode: DSSS 11g mode: OFDM 11n mode: OFDM, MIMO 2T2R technology
Modulation	11b mode: CCK, DQPSK, DBPSK 11g mode: 64 QAM, 16 QAM, QPSK, BPSK 11n mode: 64 QAM, 16 QAM, QPSK, BPSK
LAN Port	1 x 10/100Base-TX, Auto-MDI/MDI-X / 802.3af compliant
Antennas	2 x 3dBi Antenna
Data Encryption	64 bit / 128 bit WEP, WPA-PSK, WPA2-AES, WPA, WPA2
Frequency	2.4GHz - 2.484GHz
Data Rate	IEEE 802.11b: 11 / 5.5 / 2 / 1 Mbps IEEE 802.11g: 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6 Mbps IEEE 802.11n: 300 Mbps in 40MHz mode / 150Mbps in 20MHz mode
Output Power	18dBm (Max)
Temperature	Operating: 0 ~ 40 Degree C Storage: -20 ~ 60 Degree C
Humidity	Operating: 0 ~ 85% Storage: 0 ~ 95% Non-Condensing
Dimension (W x D x H)	144 x 88 x 32 mm
Weight	305g
Power Requirement	5V DC, 1A

Ordering Information

WNAP-1120PE	802.11n Wireless Access Point with PoE
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