



WPA-3000PE

PLANET WNAP-3000PE is a cost effective Enterprise PoE access point with advanced management features and superior encryption standards. The built-in IEEE802.11n 3 Tx (Transmit chains) / 3 Rx (Receive chains) MIMO technology enables data rates of up to 300Mbps. The WNAP-3000PE is also compatible with existing IEEE 802.11b/g devices such as Notebooks and Laptops.

Focusing on Enterprise requirements, the WNAP-3000PE has enhanced Security and Management features including multiple SSID, IEEE 802.1Q VLAN support, WPA support, RADIUS MAC authentication, rogue AP detection etc. The WNAP-3000PE has one 1000Mbps-Giga LAN port compliant with 802.3af PoE standard, when connected to a PoE Switch both power and data are supplied via a RJ-45 cable. The multiple reversed-polarity SMA male antenna connectors enable the WNAP-3000PE to be connected to suitable external antennas and boosters for applications such as in a Warehouse, around a Campus or as part of an Enterprise Network.



Application

Secure Managed Enterprise-class WLAN

With support for high-level encryption the WNAP-3000PE can effectively prevent unauthorised access to your information. Allowing multiple SSIDs to be used simultaneously with VLAN support, the WNAP-3000PE helps network administrators define separated wireless subnets to meet the requirements of Class-of-service and security policies.



Key Features

- IEEE 802.11n draft 2.0 compliant with IEEE 802.11b/g
- Supports PoE port (IEEE 802.3af compliant)
- Strong network security with WEP, WPA (PSK), 802.1x authentication
- With 3 detachable RP-SMA connectors for external antenna connections.
- High data transfer rate up to 300Mbps
- Five operation modes selectable: AP / AP Client / Wireless Bridge / Multiple Bridge / Repeater
- Adjustable output power level
- Supports Multiple SSID, Multiple SSID isolation, 802.1Q VLAN, RADIUS MAC authentication, Rogue AP detection, Access Control
- Windows-base utility, Web, and CLI (Command Line Interface) Configuration
- SNMP v1, v2, v3 supported



Specification

Model	WNAP-3000PE
Product	
Standard	IEEE 802.11b/g, IEEE 802.11n draft 2.0
Modulation	OFDM / CCK/ DQPSK / DBPSK
Port	10/100/1000Base-T (RJ-45) PoE port, 802.3af compliant
Antenna	Detachable 2dBi Dipole Antenna * 3
Output Power (max.)	For FCC: 3T x For FCC: MAX: 22.5 dBm @ 11B mode MAX: 20.5 dBm @ 11G mode MAX: 22.5dBm @ 11N mode For ETSI: 3T x For ETSI : MAX: 18.5dBm @ 11B/G/N mode
Sensitivity	11b: 11Mbps@ - 88dBm 11g: 54Mbps@ - 73dBm 11n: 300Mbps@ -69dBm
Operating Mode	AP, AP Client, Wireless Bridge, Multiple Bridge, Repeater
Security	WEP, WPA, and WPA-PSK authentication 802.1x support EAP-MD5, EAP-TLS, EAP-TTLS, PEAP RADIUS based MAC authentication Block inter-wireless station communication (wireless separation) Block SSID broadcast
Management	Web based configuration RADIUS Accounting RADIUS-On feature RADIUS Accounting update Telnet / CLI Syslog / internal Log Access Control list file support Configuration file Backup / Restore Statistics support LLTD



Ordering Information

WNAP-3000PE	802.11n Enterprise PoE Access Point
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