

# 108Mbps Super A+G WLAN Managed Access Point with PoE



PLANET WDAP-2000PE is an IEEE 802.11a+g dual band Wireless Access Point with PoE. With the latest innovative Super A/G technology integrated, the maximum data rate of WDAP-2000PE is 108Mbps, which doubles the speed of standard 802.11a/g. WDAP-2000PE is also backward compatible and interoperable with IEEE 802.11b compliant wireless devices.

Emphasizing on the enterprise demand, WDAP-2000PE enhances many security and management features, including multiple SSIDs, VLAN, QoS, DiffServ support, WPA/WPA2, RADIUS MAC authentication, DoS Prevention and so on. The LAN port of WDAP-2000PE has PoE function conforming to IEEE 802.3af, providing both data transfers and power supply through one Ethernet cable. Therefore, it can be installed anywhere without the constraint on power socket. Provided with two reversed-polarity SMA male connector, WDAP-2000PE is easy to connect external antenna and booster to extend the wireless distance.

## KEY FEATURE

- Wireless LAN IEEE 802.11a+g and IEEE 802.11b compliant
- Supports PoE port (IEEE 802.3af compliant)
- Strong network security with 802.1x authentication, and 64/128/152-Bit WEP encryption
- WPA2 (Wi-Fi Protected Access 2) with PSK/TKIP/AES support
- Super A/G mode efficiently raises the data transfer rate up to 108Mbps
- Operation modes selectable: AP / Repeater / WDS mode
- Adjustable transmit power and data rate
- Watchdog timer, NTP client and basic UPnP support
- Provides Web, and CLI (Command Line Interface) Configuration
- SNMP management support (V1/V2, Traps, MIB2, IF MIB, Ether-like MIB, 802.11-MIB)
- Supports Multiple SSIDs, 802.1Q VLAN, 802.1p QoS, DiffServ, RADIUS MAC authentication, DoS Prevention, MAC filtering.

## SPECIFICATION

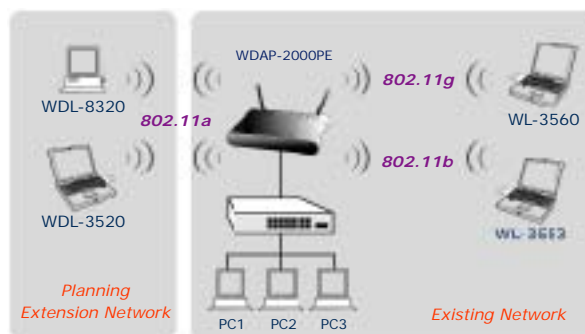
Product **108Mbps Super A+G WLAN Managed Access Point with PoE**

Model	<b>WDAP-2000PE</b>	
Hardware		
Standard	IEEE 802.11b, 802.11g, 802.11a	
Signal Type	DSSS (Direct Sequence Spread Spectrum)	
Modulation	OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK	
Port	10/100Mbps RJ-45 Port * 1, 802.3af compliant	
Antenna Connector	Reverse SMA male * 2	
Wireless Transmit Power	IEEE 802.11a mode:	17dBm@54Mbps 20dBm@6Mbps
	IEEE 802.11g mode:	17dBm@54Mbps 20dBm@11Mbps 20dBm@1Mbps
	IEEE 802.11b mode:	14dBm
Wireless Receive Sensitivity	IEEE 802.11a mode:	-85dBm@6Mbps -65dBm@54Mbps
	IEEE 802.11g mode:	-91dBm@1Mbps -84dBm@11Mbps -65dBm@54Mbps
Operating Mode	AP, Repeater, WDS mode	
Security	WEP, WPA2 with PSK/TKIP/AES support 802.1x authentication /EAP-TLS/EAP-TTLS/EAP-MD5/EAP-PEAP MAC filtering authorized Block SSID broadcast	
Management	Web based configuration CLI configuration Message Log Firmware upgrade UPnP support Configuration file Backup/Restore	
Data Rate	Super A/G mode Up to 108Mbps 802.11g Up to 54Mbps (6/9/12/18/24/36/48/54) 802.11b Up to 11Mbps (1/2/5.5/11)	
Dimensions (L x W x H)	190 x 145 x 28 mm	
Weight	320g	
Environmental Specification	Operating temperature: 0 ~ 40 Degree C Storage temperature: -20 ~ 65 Degree C Relative humidity: 10% - 90% (non-condensing)	
Power Requirement	5V DC, 2A	
Emission	FCC, CE	

## APPLICATIONS

### Secured and Managed Enterprise-class WLAN

With support for WPA/WPA2 mechanism, the WDAP-2000PE can effectively prevent your information from eavesdropping by unauthorized users. Up to 4 multiple-SSID support, thus allowing traffic separation on different SSIDs and setting per-SSID security policies. Cooperating with the VLAN, QoS, DiffServ support, network administrators can define separated wireless subnets for various Class-of-service and security policies.



## ORDERING INFORMATION

<b>WDAP-2000PE</b>	108Mbps Super A+G WLAN Managed Access Point with PoE
--------------------	--