

**WAP
100E**

300Mbps Wall Mount Wireless Access Point

- In Wall Panel Design.
- Wireless N and 300Mbps Speed .
- Power over Ethernet .
- Support Multiple SSID and VLAN TAG.
- Centralized Management through controller.



OVERVIEW

AirPro WAP100E is an in wall AP with Qualcomm chipset, providing Internet access at a data rate of 300Mbps. It is designed principally for Hotel to provide guests and roomers secure Internet access in their hotel room, guest room, living room and lobby.

It supports 802.3af PoE, compliant with any 802.3af Power over Ethernet equipment, easy to install and provides complete Wi-Fi coverage.

Managed by WLAN controller, easy to configure data centrally or remotely; also it works with cloud server for portal authentication and advertisement function.

KEY FEATURES

1. In Wall Panel Design

Matches with cassette size of 86mm or 75mm, effortlessly provide Wi-Fi and matches with design style.

2. Wireless N and 300Mbps Speed

Compliant with IEEE 802.11b/g/n standard; comes with a data rate of 300Mbps providing the seamless Internet surf and faster downloads.

3. Power over Ethernet

It supports 802.3af PoE, can be powered by any 802.3af Power over Ethernet equipment, making it a cost-effective solution.

4. Multi SSID and LAN Port Tag VLAN

PW520 supports 4 SSID; each SSID can be tagged for a specified network VLAN for different user access, based on established access rights and Internet safety.

5. Centralized Management and Portal Authentication

It supports WLAN controller for centralized management, allowing IT staff to set up separate IP addresses, ESSID and manages AP's of each room at the same time. Also, they can remotely add, set up, monitor, delete and upgrade firmware via the WLAN controller through computer.

In addition, it works with the cloud server for remote management, then with function of accounting, Facebook / Google authentication, SMS verification and so on.

PRODUCT SPECIFICATIONS

Hardware Features	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Data Rate	11n: 300Mbps 11g: 54Mbps 11b: 11Mbps
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	11n @MCS7:14±2DB, @MCS0:16±2DB. 11g @54M:15±2DB, @6M:17±2DB. 11b @11M:18±2DB, @1M:20±2DB.
Modulation Type	OFDM = BPSK,QPSK,16-QAM,64-QAM;DSSS = DBPSK,DQPSK,CCK
Receive Sensitivity	11n: -70dbm@MCS7, -88dbm@MCS0. 11g: -72dbm@54Mbps, -88dbm@6Mbps. 11b: -85dbm@11Mbps, -94dbm@1Mbps
EVM	802.11n: ≤-28 DB 802.11g: ≤-25 DB 802.11b: ≤-10 DB
PPM	±20ppm
MAX Users	64
Operation Mode	Gateway, AP, Repeater
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
System Requirements	Windows 7/Vista/XP/2000,Mac OS®, Linux or Android OS

Wireless Features	
Chipset	Atheros QCA9531
Flash	16M
SDRAM	64M
Interfaces	2 x 10/100Mbps LAN/WAN Port
Button	Reset Button
Antenna	MIMO 3dBi Build-in omni-directional Antenna
Power Supply	802.3af PoE
Dimensions(W x D x H)	86*86*68mm

OTHERS	
Operating Temperature	20°C~50°C
Storage Temperature	-40°C~70°C
Relative Humidity	10% ~ 90%, Non-condensing
Storage Humidity	5%~95%, Non-condensing
Certifications	RoHS
Package Contents	1 x in wall AP 1 x Quick Installation Guide 1 x setting accessory



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