



## **WAP1100 WALL AP - Wall Panel Design, 300Mbps Speed**

WAP1100

## What does this product do?

Wireless N and 300 Mbps speed in wall panel design provide powerful internet access along with centralized management and very much compatible in this tech-modern era.

AirPro WAP1100 is an in-wall AP with Qualcomm chipset, which provides Internet access at a data rate of 300Mbps. It is designed mainly for hotels to provide guests and roomers secure Internet access and phone line connection 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.

## Quick Overview

- In Wall Panel Design.
- Wireless N and 300Mbps Speed.
- Power over Ethernet.
- RJ11 Port for Telephone Function.
- Support Multiple SSID and VLAN TAG.
- Centralized Management through the controller.

## Key Features

### In Wall Panel Design:

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

### Multiple Ports, Wireless Access point (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.
- 300Mbps data rate with RJ45 ports and RJ11 telephone port, transmission wireless signal, and supply data for telephone, easy to set up, and manage.

### 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.

### Rj11 Port for Telephone Function:

- At the front WAP1100 features an RJ11 port, to work with telephone from the hotel management system, additionally saving wiring cost.

### Support Multiple SSID and VLAN TAG:

- AirPro WAP1100 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.

### Centralized Management through controller:

- It supports the 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 the computer.

## TECHNICAL SPECIFICATIONS

WIRELESS	
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	11n @MCS7:14±2DB, @MCS0:16±2DB.
Power	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	32
Operation Mode	Gateway, AP, Repeater
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
Operation Mode	Router, 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
HARDWARE	
Chipset	Qualcomm QCA9531
Flash	16M
SDRAM	64M
Interfaces	3 x 10/100Mbps LAN/WAN Port 1 x RJ11 port
Button	Reset Button
Antenna	MIMO 3dBi Build-in Omni-directional Antenna
Power Supply	802.3af PoE
Dimensions (WxDxH)	86*86*68mm
OTHERS	
Operating Temperature	0°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



[www.airpro.in](http://www.airpro.in)