IP-COM W36AP

AC1200 Dual Band Gigabit In-Wall Access Point

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Details

Overview

The AC1200 Dual Band Gigabit In-Wall Access Point (AP) is an IP-COM high-performance wireless access point designed for hotel rooms, villas, large apartments, KTV compartments and other places. Compliant with IEEE 802.11ac protocol and Wave 2 standard, and featured with the MU-MIMO technology, APs of this series support a dual-band concurrent wireless speed of up to 1167 Mbps. Adoption of the standard 86 mm x 86 mm in-wall design enables that the AP can be installed in any in-wall electrical boxes of 86 mm x 86 mm and 75 mm x 75 mm. Elegant and exquisite appearance goes well with the interior decoration design of the room. With the assistance of the existing in-wall electrical box structure, the AP helps you deploy your wireless networks easily, freeing you from time-consuming networking, and effectively addressing the weak Wi-Fi signal problem in guest rooms.

Product Information	
Product Model	W36AP
Product Appearance	In-wall access point

Product Dimension	86 x 86 x 32 mm
Application Scenarios	Wi-Fi coverage for large-sized apartments/villas/hotel rooms

Hardware Specifications	
Working Frequency Band	2.400 – 2.4835 GHz, 5.15 0 – 5.250 GHz
Wireless Protocol Standard	IEEE 802.11a/b/g/n/ac
2.4 GHz Access Rate	1-300Mbps
5 GHz Access Rate	6-867Mbps
2.4 GHz Maximum Connections	128
5 GHz Maximum Connections	128
Ethernet Port	2 10/100/1000 Base TX ports

Reset Button	1 reset button
LED Indicators	1 x SYS LED indicator and 1 x LAN LED indicator
Power Consumption of the Whole Device	Full load 7.8 W
Power Supply Mode	IEEE 802.3af
2.4 GHz Antenna Gain	4 dBi
5 GHz Antenna Gain	4 dBi
2.4 GHz Output Power	20 +/- 1.5 dBm
5 GHz Output Power	16 +/- 1.5 dBm
11b 1 Mbps Received Sensitivity	-95 dBm
11n MCS7 Received Sensitivity	-73 dBm
11a 6 Mbps Received Sensitivity	-93 dBm

Software Specification

Feature	Status
Operating Mode	AP, Client + AP
SSID Hide	Supported
2.4 GHz SSID Number	8
5 GHz SSID Number	4
Chinese SSID	Supported
WEP	64/128 bit encryption supported
WPA-PSK	AES/TKIP
WPA2-PSK	AES/TKIP
WPA	Supported

Feature	Status
WPA2	Supported
Wireless Access Control	MAC address-based filtering supported
TX Power Adjustment	Supported
SSID Isolation	Supported
AP Isolation	Supported
Wireless User Access Limit	Supported
Weak Signal Client Access Limit	Supported
WMM	Supported
5 GHz Band Navigation (5 GHz Priority)	Supported
Multicast to Unicast	Supported

Feature	Status
Detection Broadcast Message Reply Inhibition	Supported
Access Control	Supported
VLAN and SSID Binding	Supported
LED Control	Supported
Diagnostic Tool	ping
Timed Reboot	Supported
Cyclic Reboot	Supported
Device Management	Web management
Uplink Detection	Supported
Hardware Watchdog	Supported