IP-COM W36AP

AC1200 Dual Band Gigabit In-Wall Access Point

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Details

IP-COM W36AP AC1200 Dual Band Gigabit In-Wall Access Point

The **IP-COM W36AP** is a high-performance **AC1200 Dual Band Gigabit In-Wall Access Point** designed for hotels, villas, apartments, KTV rooms, offices, and enterprise wireless deployments. Compliant with the **IEEE 802.11ac Wave 2** standard and equipped with **MU-MIMO technology**, it delivers stable and high-speed dual-band wireless connectivity with total wireless speeds up to **1167Mbps**.

Its standard **86mm × 86mm wall-mount design** allows easy installation into existing wall electrical boxes, making it ideal for modern indoor Wi-Fi deployments where elegant appearance and reliable wireless coverage are important.

Key Features

- Dual Band Wi-Fi with total wireless speed up to 1167Mbps
- IEEE 802.11ac Wave 2 with MU-MIMO technology
- Elegant in-wall design for hotel and apartment deployment
- 2 × Gigabit Ethernet ports
- Supports IEEE 802.3af PoE power supply
- Multiple SSID support with VLAN binding
- Supports AP mode and Client + AP mode

- Supports roaming optimization and 5GHz priority
- Supports wireless isolation and MAC filtering
- Easy installation using standard 86mm wall box

Product Information

Category	Specification
Product Model	W36AP
Product Type	AC1200 Dual Band In-Wall Access Point
Application Scenarios	Hotels, Villas, Apartments, Guest Rooms, Offices, KTV Rooms
Dimensions	86 × 86 × 32 mm
Installation Type	86mm In-Wall Mount

Wireless Specifications

Parameter	Specification
Wireless Standard	IEEE 802.11a/b/g/n/ac Wave 2
Working Frequency	2.4GHz & 5GHz
2.4GHz Frequency Range	2.400 – 2.4835 GHz
5GHz Frequency Range	5.150 – 5.250 GHz
2.4GHz Wireless Speed	Up to 300 Mbps

Parameter	Specification
5GHz Wireless Speed	Up to 867 Mbps
Total Wireless Speed	AC1200 (1167 Mbps)
MU-MIMO	Supported
Maximum Connections (2.4GHz)	128 Clients
Maximum Connections (5GHz)	128 Clients
2.4GHz Antenna Gain	4 dBi
5GHz Antenna Gain	4 dBi
2.4GHz Output Power	20 ± 1.5 dBm
5GHz Output Power	16 ± 1.5 dBm

Hardware Specifications

Parameter	Specification
Ethernet Ports	2 × 10/100/1000Base-TX Ports
Reset Button	1 × Reset Button
LED Indicators	1 × SYS LED, 1 × LAN LED
Power Supply Mode	IEEE 802.3af PoE
Maximum Power Consumption	7.8W
11b 1Mbps Sensitivity	-95 dBm

Parameter	Specification
11n MCS7 Sensitivity	-73 dBm
11a 6Mbps Sensitivity	-93 dBm

Software Features

Feature	Support
Operating Modes	AP, Client + AP
SSID Hide	Supported
2.4GHz SSID Quantity	8 SSIDs
5GHz SSID Quantity	4 SSIDs
Wireless Security	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK
MAC Filtering	Supported
SSID Isolation	Supported
AP Isolation	Supported
User Access Control	Supported
TX Power Adjustment	Supported
5GHz Priority Navigation	Supported
Multicast to Unicast	Supported
VLAN & SSID Binding	Supported

Feature	Support
Timed Reboot	Supported
Diagnostic Tool	Ping
Management	Web Management
Hardware Watchdog	Supported

Applications: Hotels, Apartments, Villas, Guest Rooms, Offices, Schools, KTV Rooms, Hospitality Wi-Fi Networks, and Enterprise Wireless Deployments.

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