

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.