

IP-COM
World Wide Wireless

W63AP

AC1200 Wave 2 Gigabit Access Point

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Product Introduction

The W63AP is a dual-band, ceiling-mounted access point with a Gigabit port. The device supports the IEEE 802.3af/at standard and offers two power supply options: quasi-PoE and local 12V DC power supply. It complies with the IEEE 802.11a/b/g/n/ac Wi-Fi protocols, supports MIMO technology and four spatial streams, features a built-in omnidirectional antenna, and can operate simultaneously in the 2.4GHz and 5GHz frequency bands. It provides speeds of 300Mbps at 2.4GHz, 867Mbps at 5GHz, and up to 1167Mbps total high-speed wireless access.



Key Features

- Up to 1167 Mbps dual-band data rate
- 802.11k/v/r Roaming
- IP-COM ProFi Cloud Management
- Power input with 802.3af PoE

Product Feature



Wireless automatic tuning, optimizing the overall performance of wireless networks

When the working channels of adjacent APs have overlapping frequency bands, excessive power of one AP can cause signal interference to adjacent APs. Through the wireless optimization function of IP-COM AC controller/router, the channel and power of APs can be automatically planned, intelligently reducing signal interference between APs and ensuring high-speed operation of wireless networks.



Supports cloud platform/APP remote management

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Product Feature



Support 802.11K/V/R fast roaming

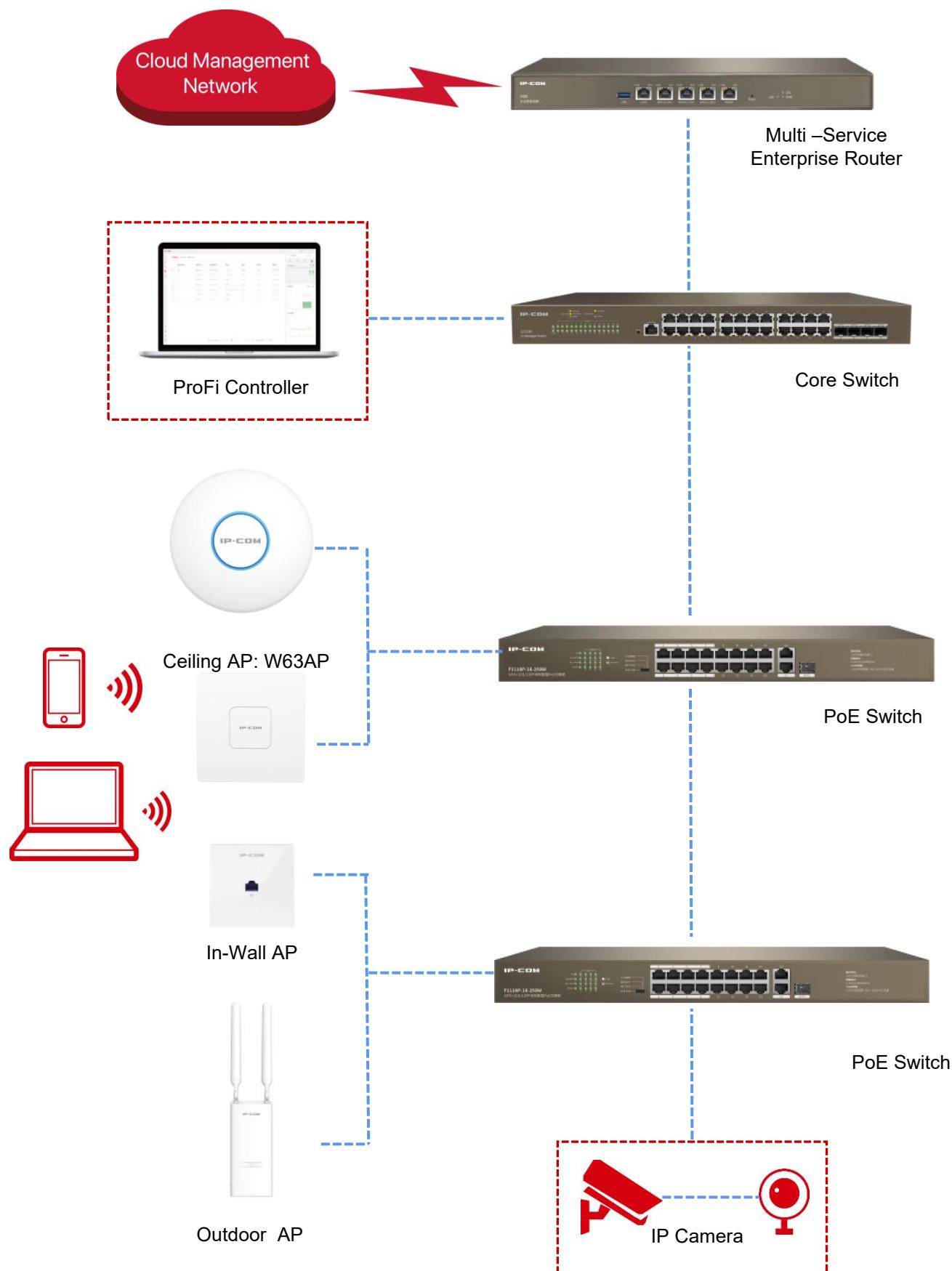
When multiple APs are deployed in an area for coverage, mobile phones/computers/pads and other terminal devices automatically connect to the AP with the best signal quality during the user's movement, and Wi-Fi switching is zero-perception. Whether it is a voice call or a video call, you can move freely without constraints.



Supports PoE power supply

Support 802.3af standard PoE network cable power supply, no external power supply required. One network cable can be connected to the switch to achieve PoE power supply and data transmission, plug and play, no need to consider the location of the socket, power line routing and other issues, convenient wiring, flexible networking, and more convenient construction.

Application Scenarios



Specifications

Product Information	
Model	W63AP
Category	Ceiling
Dimension	178 mm * 178 mm * 38 mm
Hardware Specifications	
Interface	One 10/100/1000 Mbps Ethernet Port (PoE)
Button	1*Reset
LED indicator	1*SYS
Maximum Power Consumption	10.5W
Power Supply	PoE 802.3af
Max. Number of Clients	256
Recommended Clients	40
Antenna	4*3dBi
2.4GHz maximum power	<ul style="list-style-type: none"> CE: <20 dBm (2.4 GHz, EIRP) FCC: <26dBm (2.4 GHz)
5GHz maximum power	<ul style="list-style-type: none"> CE: <<23 dBm(5 GHz, EIRP) FCC: <26 dBm(5 GHz)
Reception Sensitivity	2.4GHz 802.11b -98dBm 2.4GHz 802.11n (40MHz-MCS7) -74dBm 5GHz 802.11a -94dBm 5GHz 802.11n (40M-MCS7) -76dBm 5GHz 802.11ac(80M-MCS9) -62dBm
Frequency Range	2.4GHz&5GHz
Standard & Protocol	IEEE 802.11 a/b/g/n/ac
Maximum wireless speed	2.4GHz: 300Mbps 5GHz: 867Mbps
Bandwidth	20MHz/40MHz/80MHz
Software Specifications	
Operating Mode	AP/Client+AP

Specifications

Software Specifications	
Max. No. of SSID	2.4GHz: 4 5GHz: 4
Hide SSID	Supported
OFDMA	No Supported
Beamforming	Supported
Fast roaming (802.11k/v/r)	Supported
WEP	No Supported
WPA-PSK	Supported
WPA2-PSK	Supported
WPA	Supported
WPA2	Supported
WPA3-SAE	No Supported
Access control	Supported
Adjustable power transmit	Supported
Automatic channel	Supported
AP isolation	Supported
Guest network	Supported
Connected clients control	Supported
RSSI Threshold	Supported
Weak signal terminal elimination	Supported
Prioritize 5 GHz	Supported
VLAN tagging for SSID	Supported
LED control	Supported
MU-MIMO	Supported
Diagnostics tool	Supported
Reboot at specified interval	Supported
Scheduled reboot	Supported
Device management	Web, Router, ProFi APP, AP Controller

Specifications

Software Specifications

System logs	Supported
Firmware upgrade	Supported
Reset	Supported
Backup configuration	Supported
Restore configuration	Supported

Others

Default IP	192.168.0.254 10.16.16.169
Operation Temperature	-10°C ~ 40°C
Operating Humidity	10%~90% non-condensing
Storage Temperature	-30°C ~ 70°C
Storage Humidity	5%~90% non-condensing

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