IP-COM
World Wide Wireless

W64AP

AC1350 Wave2 Gigabit Access Point

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Product Introduction

Compliant with IEEE 802.11ac, W64AP is a gigabit dual-band ceiling access point. Powered by MU-MIMO technology, a single W64AP can simultaneously communicate with multiple clients, greatly improving throughput and enhancing user experience. With high power RF and renovative design of antennas that are optimized for long distance scenarios, W64AP offers reliable long-distance wireless solutions for indoor space with signal barriers, such as factory warehouses and hotels.

Key Features

• High power for broader and stable coverage.

• Gigabit internet connection for ultra-fast experience.

• Up to 1317 Mbps dual-band data rate.

• Centralized management by all IP-COM ACs and enterprise routers.

Product Features

High power

High power RF and built-in high-gain omni-directional antennas guarantee a broader and stable coverage.

IEEE 802.11ac Wave2

Powered by MU-MIMO technology, a single W64AP can communicate with multiple wireless clients at one time, letting you enjoy higher throughput and better experience.

Dual-band for more connected clients

W64AP allows clients that support either 2.4 GHz or 5 GHz band, or both to connect to it at the same time, tripling the quantity of connected clients of traditional single-band AP.

Gigabit internet connection for ultra-fast experience

Up to 1317 Mbps dual-band data rate and the Gigabit Ethernet port offer you ultra-fast internet connections.

Product Features

Built-in RF for intelligent optimization

Featuring various anti-interference algorithms, the built-in RF enables W64AP to evenly allocate bandwidth resources for multiple users, filter interference, and optimize date rate, offering you a guaranteed signal strength and reliable wireless experience.

VLAN tagging for SSID

W63AP allows you to set multiple SSIDs, and the IEEE 802.11q VLAN-compliant feature enables you to add VLAN tags for SSIDs, thus protecting the security of your network.

Standard PoE sourcing and DC power supply for easy deployment
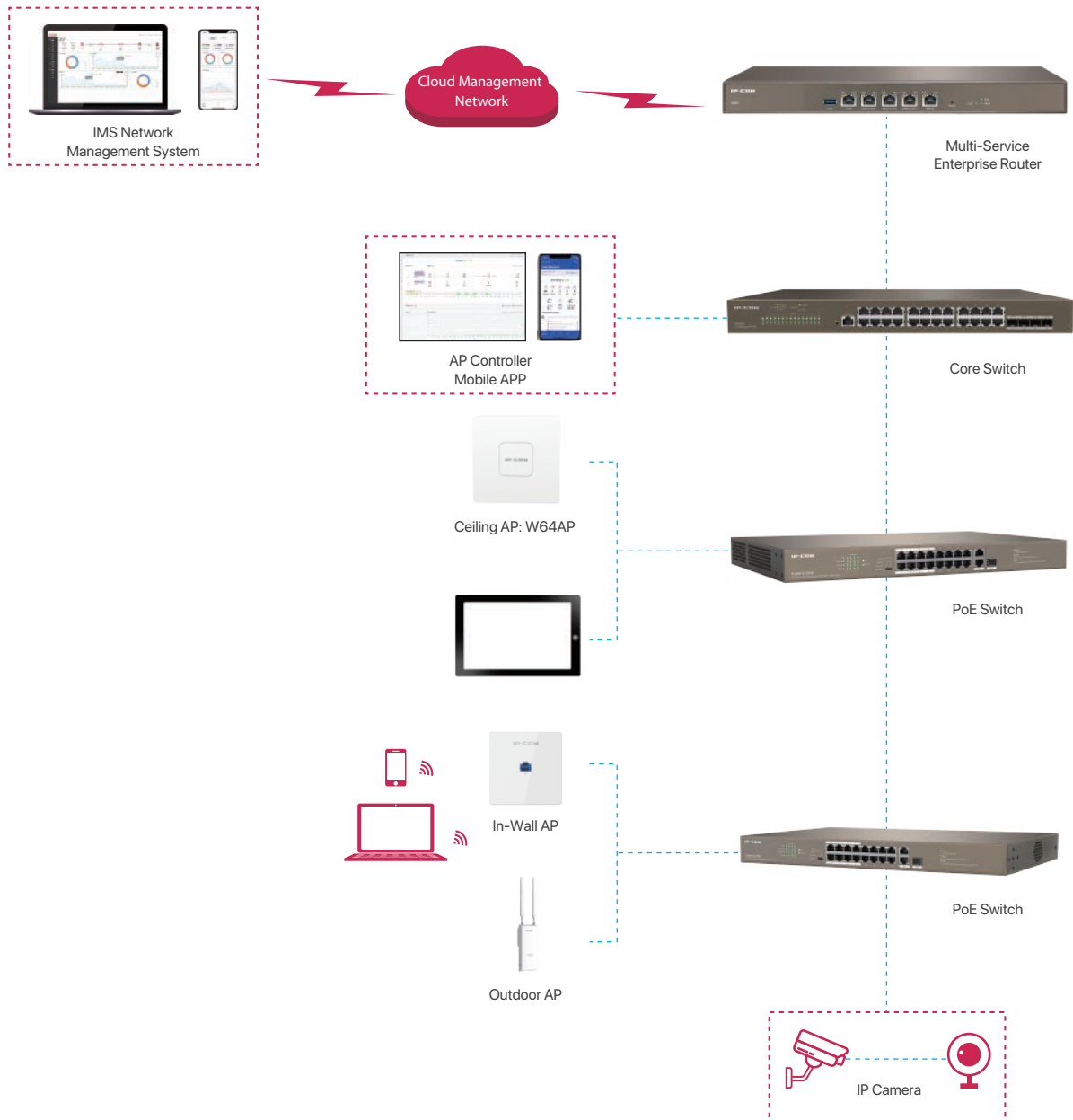
You can use an IEEE 802.3at-compliant PoE sourcing equipment, or a 12V DC power adapter to power on W64AP.

Centralized management

You are allowed to configure and manage multiple W64AP in a centralized manner through all IP-COM access controllers (AC) and enterprise routers that include AC functionality, and enjoy simple management, configuration and monitoring of all access points.

Application Scenarios

IMS Network
Management System

Cloud Management
Network

Multi-Service
Enterprise Router

AP Controller
Mobile APP

Core Switch

Ceiling AP: W64AP

PoE Switch

In-Wall AP

PoE Switch

Outdoor AP

IP Camera

Packaging

Product Information	
Model	W64AP
Appearance	Ceiling
Dimensions	178mm* 178mm* 38 mm
Hardware Specifications	
Frequency band	2.400 -2.4835 GHz, 5.150 - 5.250 GHz
Wireless standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
2.4 GHz data rate	1 - 450 Mbps
5 GHz data rate	6 - 867 Mbps
Ethernet port	1*10/100/1000 Base-TX RJ45 port
Button	1*Reset
LED indicator	1*Power
Max. power consumption	Full-load 13.5W
Power supply standard	IEEE 802.3at PoE, DC 12V 1.5A
Software Specification	
Operating modes	AP, Client+AP
Hide SSID	Supported
Max. No. of SSID	2.4 GHz: 8; 5 GHz: 4
Max. connected clients	2.4 GHz: 128; 5 GHz: 256
WEP	Supported
WPA-PSK	AES/TKIP
WPA2-PSK	AES/TKIP
WPA	Supported
WPA2	Supported
Access control	MAC address-based
Adjustable power transmit	Supported
Frequency analysis	Supported
AP isolation	Supported
Connected clients control	Supported
RSSI threshold	Supported

Packaging

WMM	Supported
VLAN tagging for SSID	Supported
Antenna gain	4 dBi
2.4 GHz Max. output power	23 +/- 1.5 dBm
5 GHz Max. output power	23 +/-1.5 dBm
802.11b RX sensitivity	-94 dBm
2.4 GHz 802.11n (MCS7) RX sensitivity	-75 dBm
5 GHz 802.11a RX sensitivity	-98 dBm
5 GHz 802.11n (MCS7) RX sensitivity	-79 dBm
Prefer 5 GHz	Supported
LED indicator control	Supported
Diagnostics tool	Ping, Traceroute
Scheduled reboot	Supported
Reboot at specified interval	Supported
Management	Web UI
System logs	Supported
Firmware upgrade	Local and AC upgrade
Reboot	Local and AC reboot
Reset	Local and AC reset
Backup configuration	Supported
Restore configuration	Supported
Operating Environment	
Default login IP address	192.168.0.254
Default user name	admin
Default password	admin
Operating temperature	-10℃ - 45℃
Operating humidity	(10%-90%) RH, non-condensing
Storage temperature	-30℃ - 70℃
Storage humidity	(10%-90%) RH, non-condensing
Packaging	
Certificates	CE\FCC\RoHS

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