

## IP-COM W64AP AC1350 Gigabit Access Point 2.4+5GHz, 1xL Gbit

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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.

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.

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 data rate, offering you a guaranteed signal strength and reliable wireless experience.

VLAN tagging for SSID

W64AP allows you to set multiple SSIDs and add VLAN tags for SSIDs, thus protecting 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.

Product Information

Model W64AP

Appearance Ceiling

Dimensions 178 mm \* 178 mm \* 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 Specifications

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

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 26 +/-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