

IP-COM

Quick Installation Guide

Ceiling AP Series

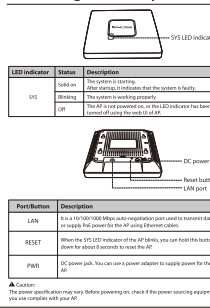
Package contents

- Wireless ceiling AP x 1
- Screws x 2
- Accessible Screws, plastic nuts, and plastic anchors
- Quick installation guide x 1

First time in using, it is suggested please keep the original packaging and contact the local dealer or distributor immediately.

If you have any questions about the installation instructions, please go to <http://www.ip-com.com>.

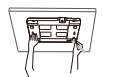
1. Getting to know your AP



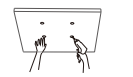
2. Installing your AP

Ceiling installation

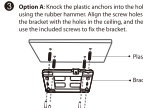
1. Position the bracket on the ceiling and mark screw holes on the ceiling with the marker.



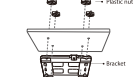
2. Drill holes in the marked positions using a hammer drill.



3. Option A: Knock the plastic anchors into the holes using the rubber hammer. Then use the screwdriver to tighten the screws into the plastic anchors.



Option B: Align the plastic nuts with the holes in the ceiling and use the included screws to the bracket.



4. Connect a CAT5 or better cable to the LAN port of the AP. Connect a PoE switch to the PoE port or a power adapter to the PWR jack to supply power for the AP.



5. Insert the slots of the AP into the hooks of the bracket, and push the AP to one side until you hear a click.



Wall mounting

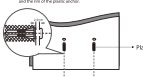
1. Position the bracket on the wall, and mark screw holes on the wall with the marker.



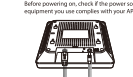
2. Drill holes in the marked positions using a hammer drill.



3. Knock the plastic anchors into the holes using the rubber hammer. Then use the screwdriver to tighten the screws into the plastic anchors.



4. Connect a CAT5 or better cable to the LAN port of the AP. Connect a PoE switch to the PoE port or a power adapter to the PWR jack to supply power for the AP.



5. Insert the slots of the AP into the hooks of the bracket, and push the AP to one side until you hear a click.



6. Align the wall mounting holes on the bracket with the screws to mount it.

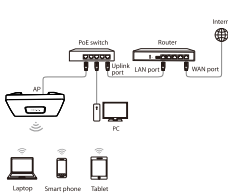


3. Connecting and Configuring your APs

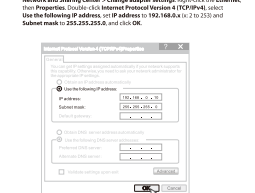
Scenario 1: Deploying your network without a management device for IP-COM AP

1. Connect devices

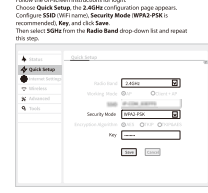
Connect your AP to a PoE switch or a PoE switch using an Ethernet cable. Refer to the following figure for detailed connection.



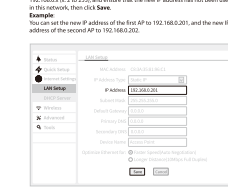
2. Configure the IP address of your computer (Example: Win10)



3. Log in to the web UI of the AP



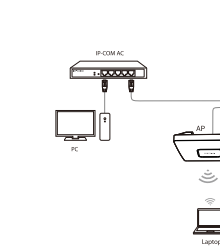
4. Modifying the IP address of the AP



Scenario 2: Deploying your network with an IP-COM access controller (AC)

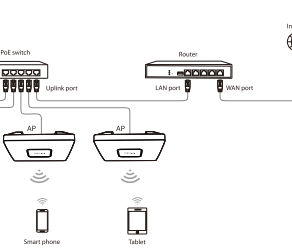
1. Connect devices

Use Ethernet cables to connect APs to PoE ports of the switch, refer to the following figure for detailed connection.



2. Configure APs

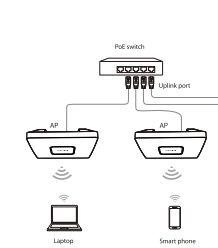
Start a web browser on your computer and log in to the web UI of the AC. Refer to your AC's user guide for detailed instructions.



Scenario 3: Deploying your network with an IP-COM router that includes the AC functionality

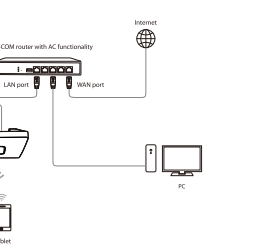
1. Connect devices

Use Ethernet cables to connect APs to PoE ports of the switch, refer to the following figure for detailed connection.



2. Configure APs

Start a web browser on your computer and log in to the web UI of your IP-COM router. Refer to the router's user guide for detailed instructions.



FAQ

Q1. I cannot access the web UI of the AP after entering 192.168.0.254.

- What should I do?**
- Check if your Ethernet cables are connected properly. If yes, the corresponding LED indicator lights up.
 - Ensure that the IP address of your computer has been set to 192.168.0.254 (or 192.168.0.255), and that the IP address is not used by any other devices in the network.
 - Clear the cache of your web browser, or replace the web browser.
 - Disable the firewall of your computer, or replace the computer.
 - If two or more APs are connected in the network without an AP controller, you should have only one AP in the network first and configure the AP's IP address. Then repeat the procedure to change the IP addresses of the other APs.
 - Make sure that the APs use the same IP address and are in the same network segment with the IP address of your computer. Then try logging in to the AP's web UI using that new IP address.
 - The AP may be being managed by an AC. Therefore its IP address is no longer 192.168.0.254. In this case, go to the web UI of the AC to view the new IP address of the AP and then log in to the AP's web UI using the new IP address.
 - If the problem persists, reset the AP.

Q2. My wireless AC cannot find the AP. What should I do?

- A2. Try the following solutions:**
- Check if you use the IP-COM AC. The AP can only be managed by IP-COM AC.
 - Ensure that all the devices in the network are connected properly and the AP has completed startup.
 - If VLANs have been defined in your network, verify that the corresponding VLAN has been added to your AC.
 - Restart the AP.
 - Ensure that the firmware versions of your AP and AC are the same with the latest firmware versions available on <http://www.ip-com.com/cn>.
 - Reset your AP.

Q3. How to upgrade my AP?

- A3. Perform as follows:**
1. Choose your firmware version and download it from our official website <http://www.ip-com.com>.
 2. Upload the file you downloaded.
 3. Log in to the web UI of the AP. Choose **Tools > Maintenance**, and navigate to the **Firmware Upgrade** section. Click **Upgrade**, select and upload the file using the **AP** from the file list you uploaded, and click **Upgrade**.
 4. After successful upgrade, reset your AP to apply your settings.

Q4. How to reset my AP?

- A4.**
- Option 1:** Reset using the RESET button. When the SYS LED indicator of the AP blinks, hold down the **RESET** button for about 8 seconds. The AP is reset successfully when the SYS LED indicator lights solid on.
 - Option 2:** Reset using the web UI. Log in to the web UI of the AP. Choose **Tools > Maintenance**, and navigate to the **Reset** section, then follow the on-screen instructions to reset it.

Note: Restoring default configurations of your AP.

CE Warning

This is a Class B product in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures. Operation in the 5.15, 5.2, 5.3 GHz ISM band are restricted to indoor use only. This equipment should be installed and operated with minimum distance 20cm between the device and your body. The main plug is used as a disconnect device, the disconnect device shall remain readily operable. NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. To avoid unnecessary radiation interference, it is recommended to use a shielded LAN cable.

RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer where he bought a new electrical or electronic equipment.

Declaration of Conformity
Hesley, HANGZHOU IP-COM Networks Co., Ltd. declares that the radio equipment type W303AP is in compliance with Directive 2014/53/EU.
The full text of the CE declaration of conformity is available at the following internet address: <http://ip-com.com/cn/cn/ce.html>

Operating Frequency: 2.4GHz: 2.412GHz - 2.472GHz 5GHz: 5.15 - 5.25GHz
ERP Power (Mw): 20mW
2.4GHz: 18dBm 5GHz: 22dBm
Software Version: V1.0.3

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device is for indoor usage only. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment should be installed and operated with minimum distance 20cm between the device and your body.

Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. To avoid unnecessary radiation interference, it is recommended to use a shielded LAN cable.

Operating temperature: -10°C ~ 40°C
Operating humidity: 10% ~ 90% RH, non-condensing
Storage temperature: -30°C ~ 70°C
Storage humidity: 10% ~ 90% RH, non-condensing

For EUPA/CE, this product can be used in the following countries:

	FR	IT	ES	PT	GR	IE	UK	PL	CZ	SK	SI	EE	LV	LT	RO	MT	SE	AT
	HR	IT	CY	LV	LT	LU	HQ	MT	ML	AZ								
	PL	PT	RO	SI	SK	FI	SE	UK										

Address: 101, Lushan Road, Floor 10, No. 101, Lushan Road, Nanhai District, Shenzhen, China 518050

Technical Support
Tel: 86755 2785 3888
Email: ip-com@ip-com.com
Website: <http://www.ip-com.com/cn>

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organization of such reviews or changes.