# IP-COM

Quick Installation Guide
### Wireless Access Point

Package Contents
- Access point * 1
- Bracket * 1
- Power adapter * 1
- Quick installation guide * 1
- Mounting accessory (including sleeve anchors and screws) * 1

If any item is incorrect, missing, or damaged, please keep the original package and contact the local reseller or distributor immediately.
* For more product or function details, please go to www.ip-com.com.cn to download the user guide.

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1. Know Your AP
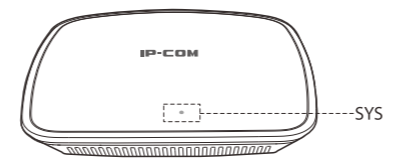
LED indicator	Status	Description
SYS	Solid on	• The system is starting. • If the indicator is still solid on after the AP finishes startup, it indicates that the system is faulty.
	Blinking	The AP is working properly.
	Off	The AP is powered off or the LED indicator is disabled.

RESET
PWR
LAN
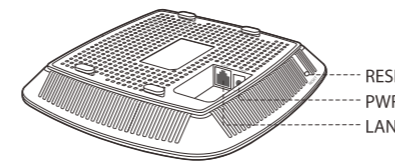
Port / Button	Description
LAN	It is a 10/100 Mbps auto-negotiation port used to transmit data or supply PoE power for the AP using an Ethernet cable. PoE devices compliant with IEEE 802.3af or IEEE 802.3at standard can supply power to the AP.
PWR	It is a DC power jack used to connect to the included power adapter.
RESET	It is used to reset the AP. Method to reset: When the SYS indicator blinks, hold the **RESET** button down for about 8 seconds. The AP is reset successfully when the SYS indicator gets solid on.

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2. Install the AP

Tip: You may need a rubber hammer, a marker, a hammer drill, a drill bit, a screwdriver, and a ladder for the installation. Please prepare them yourself.

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

② Drill holes in the marked positions using hammer drill.

③ Knock the sleeve anchors into the holes using the rubber hammer.

④ Align the screw holes with the holes in the ceiling, and then use the included screws to fix the bracket.

⑤ Connect an Ethernet cable (CAT5 or better) to the LAN port of the AP. If you choose to power on the AP by DC supply, connect the PWR port of the AP using the power adapter included in the package.

⑥ Insert the hooks of the AP into the slots of the bracket, and slide the AP to one side to make sure that the AP is fixed well in the bracket.
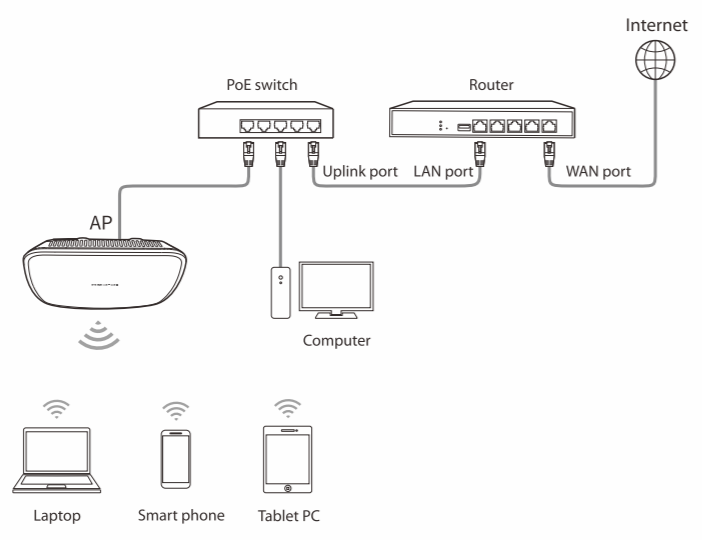
Slot
Hook

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3. Set Up Your WiFi Network

Note: PoE supply is used as an example for connection and AP325 for setup in the following instructions.

Scenario 1: Set up WiFi network without a management device for IP-COM AP

Tip: Connect one AP to your PoE switch first. After configuring the AP, connect another AP, perform ③ and ④ on it, and so on.
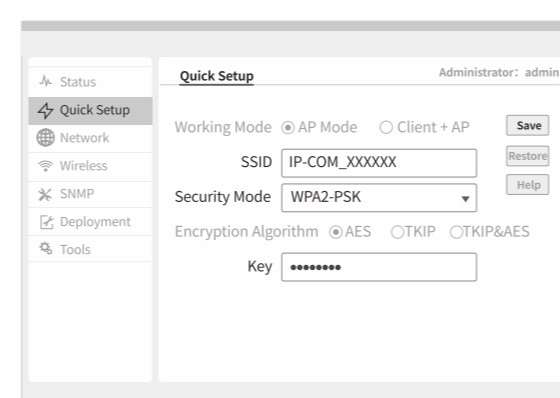
① Connect devices
Connect your AP to a PoE port of the PoE switch using an Ethernet cable. Refer to the following figure for detailed connection.
After finishing connection, ensure that the AP's LED indicator blinks and the lower-right network icon on your computer is not displayed.

Internet
PoE switch
Router
Uplink port LAN port
WAN port
AP
Computer
Laptop Smart phone Tablet PC

② Configure the IP address of your computer (Example: Win7)
Right-click the network icon on the lower-right corner of your computer. Click **Open Network and Sharing Center**, **Local Area Connection**, and then **Properties**. Double-click **Internet Protocol Version 4 (TCP/IPv4)**, select **Use the following IP address**, set **IP address** to **192.168.0.x** (x: 2 to 253. The IP address in this example is 192.168.0.10) and **Subnet mask** to **255.255.255.0**, and click **OK**.
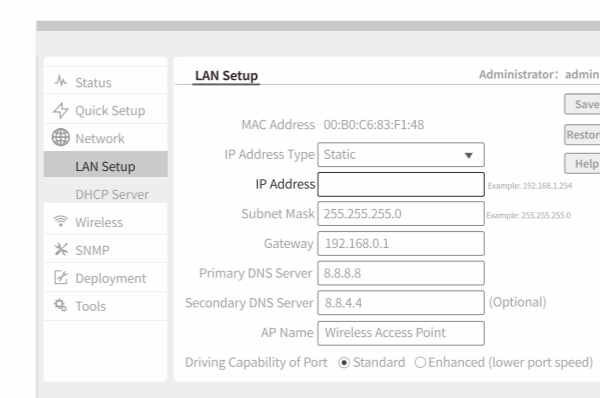
Internet Protocol Version 4 (TCP/IPv4)Properties
Use the following IP address:
IP address: 192 . 168 . 0 . 10
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
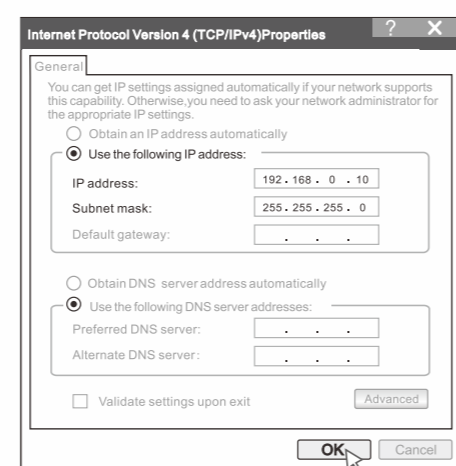
③ Set WiFi name and WiFi password for the AP
Start a web browser on your computer, enter **192.168.0.254** in the address bar, and press **Enter** to log in the web UI of the AP. Click **Quick Setup**, then configure **SSID** (WiFi name), **Security Mode** (WPA2-PSK is recommended), **Key**, and click **Save**.

Quick Setup
Working Mode ● AP Mode ○ Client + AP
SSID IP-COM_XXXXXX
Security Mode WPA2-PSK
Encryption Algorithm ● AES ○ TKIP ○ TKIP&AES
Key ••••••••

* **Tip:** If you cannot log in to the web UI of the AP, refer to **Q1** in **FAQ**.

④ Change the IP address of the AP
Click **Network**, **LAN Setup**. Change the IP address of the AP to 192.168.0.x (x: 2 to 253), and ensure that the new IP address has not been used in this network, then click **Save**. For example, you can set the new IP address of the first AP to 192.168.0.201, and the new IP address of the second AP to 192.168.0.202.

LAN Setup
MAC Address
IP Address Type Static
IP Address 192.168.0.254
Subnet Mask 255.255.255.0
Gateway 192.168.0.1
Primary DNS Server
Secondary DNS Server
AP Name Wireless Access Point

Wait a moment for the settings to take effect. Now you can access the internet by connecting your wireless devices to the AP's WiFi network.
WiFi name: The SSID you set in step ③.
WiFi password: The key you set in step ③.

### Scenario 2: Set up WiFi network with an IP-COM AP Controller

① Connect devices
Use Ethernet cables to connect APs to the PoE ports of the switch, and your computer to the IP-COM AP Controller (AC). Refer to the following figure for detailed connection.
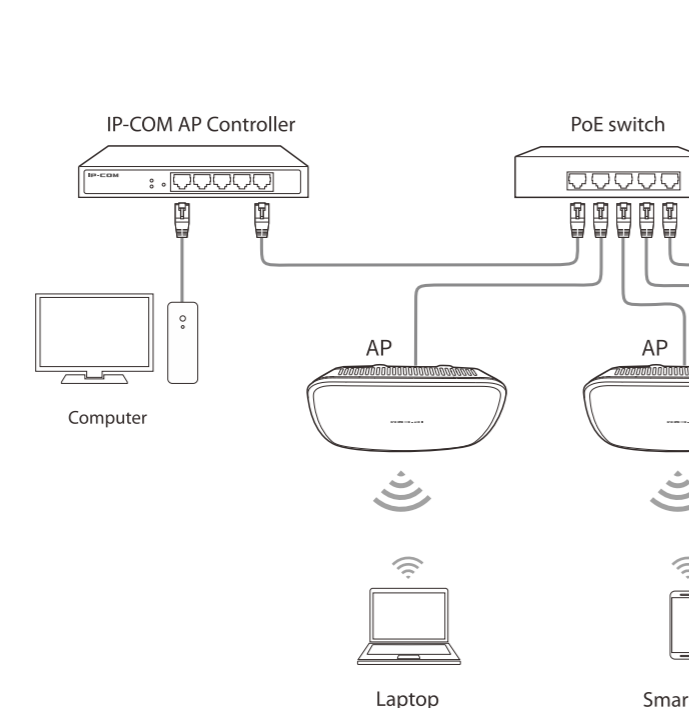
② Configure APs
In order to configure your APs, start a web browser on your computer and log in to the web UI of the **AC**. Refer to your AC's user guide for detailed configuration instructions.

Internet
IP-COM AP Controller PoE switch Router
Uplink port LAN port WAN port
Computer
AP AP AP
Laptop Smart phone Tablet PC

Scenario 3: Set up WiFi network with an IP-COM router that can manage APs

① Connect devices
Use Ethernet cables to connect APs to the PoE ports of the switch, and your computer to the IP-COM router. Refer to the following figure for detailed connection.
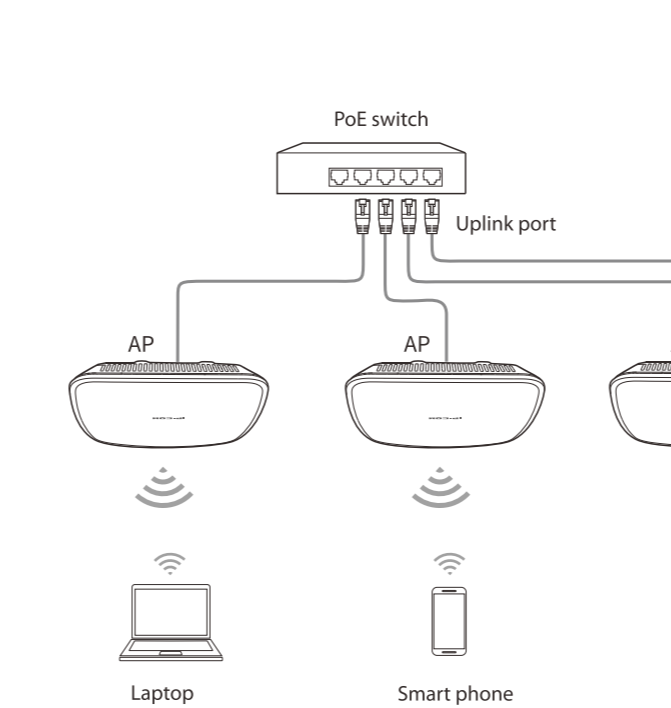
② Configure APs
In order to configure your APs, start a web browser on your computer and log in to the web UI of your **router**. Refer to the router's user guide for detailed configuration instructions.

Internet
PoE switch IP-COM Router (Supporting AP management)
Uplink port LAN port WAN port
LAN port
AP AP AP
Computer
Laptop Smart phone Tablet PC

FAQ

Q1: I cannot access the web UI of the AP after entering 192.168.0.254. What should I do?

A1: Try the following solutions and log in again:
- Ensure that all your Ethernet cables are properly connected.
- If there is no AC or IP-COM router in the network, ensure that the IP address of your computer has been set to 192.168.0.x (x: 2 to 253), and the IP address is not used by any other devices in the same network.
- Clear the cache of your web browser or replace the web browser.
- Disable the firewall of your computer or replace your computer.
- If two or more APs are connected in the network without an AC / IP-COM management router, an IP address conflict may happen. You should leave only one AP in the network first and set a new IP address 192.168.0.x (x: 2 to 253) for the AP. Then repeat this procedure to change the IP addresses of the other APs. Meanwhile, make sure that the IP address of your computer is in the same network segment with your APs' new IP addresses. Then try logging in to the web UI of your APs using their new IP addresses.
- If the AP has been managed by the AC or IP-COM router in the network, the AP's IP address may be no longer 192.168.0.254. In that case, go to the web UI of the **AC / router** 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 still persists, hold the **RESET** button down for 8 seconds to restore the AP to factory settings, and then try logging in again.

Q2: My AP controller (AC) cannot find my AP. What should I do?

A2: Check the following items:
- Ensure that all the devices in the network are connected well and the LED of the AP blinks.
- If VLANs have been defined in your network, verify that the corresponding VLAN has been added to your AP controller.
- Reboot your AP.
- Ensure that the firmware versions of your AP and AC are the latest firmware versions available on www.ip-com.com.cn.
- Reset your AP.
Method to reset: When the SYS indicator blinks, hold down the **RESET** button for about 8 seconds. The AP is reset successfully when the SYS indicator gets solid on.