

IP-COM

Quick Installation Guide

Ceiling AP Series

W36AP/W64AP/W66AP

Package contents

- Wireless ceiling AP x 1
- Bracket x 1
- Accessories: Screws, plastic nuts, and plastic anchors
- Quick installation guide x 1

Any items missing or damaged, please bring the original package and contact local customer assistance immediately.

The actual appearance of the product may vary from the illustration. Please refer to the actual product for details.

1. Getting to know your AP

Ports and buttons

Port/Buttons	Description
Power	Use a 5V 1000mA USB power adapter to power the AP. Do not connect the AP to a power source that is not a USB power adapter.
Reset	Press the Reset button to restore the AP to factory default settings. Do not press the Reset button for more than 10 seconds.
DC	Use a power adapter to power the AP. Do not connect the AP to a power source that is not a DC power adapter.

LED Indicators

W36AP/W66AP

LED Indicator	Status	Description
Power	ON	The power is on.
Power	OFF	The power is off.
Power	Flashing	The power is being turned on or off.
Power	Flashing	The 2.4 GHz Wi-Fi network is enabled.
Power	Flashing	The 5 GHz Wi-Fi network is enabled.
Power	Flashing	The 5 GHz Wi-Fi network is disabled.
Power	Flashing	The 5 GHz Wi-Fi network is disabled.

W64AP

LED Indicator	Status	Description
Power	ON	The power is on.
Power	OFF	The power is off.
Power	Flashing	The power is being turned on or off.
Power	Flashing	The 2.4 GHz Wi-Fi network is enabled.
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Power	Flashing	The 5 GHz Wi-Fi network is disabled.

2. Installing your AP

Ceiling installation

- Position the bracket on the ceiling and mark screw holes on the ceiling with the marker.
- Drill holes in the marked positions using a hammer drill.
- Option A: Push the plastic anchors into the holes using the rubber hammer. Align the screw holes on the bracket with the holes in the ceiling, and then use the included screws to fix the bracket.
- Option B: Align the plastic anchors into the holes using the rubber hammer. Align the screw holes on the bracket with the holes in the ceiling, and then use the included screws to fix the bracket.
- Connect a CAT5 or better cable to the PoE/LAN port of the AP. Connect a PoE switch to the PoE/LAN port, or a power adapter to the DC power jack to supply power to the AP. Before powering on, check if the power sourcing equipment you use complies with your AP.
- Align the AP with the holes of the bracket, and push the AP to one side until you hear a click.

Wall mounting

- Position the bracket on the wall, and mark screw holes on the wall with the marker.
- Drill holes in the marked positions using a hammer drill.
- Knock the plastic anchors into the holes using the rubber hammer. Then use the screwdriver to tighten the screws until the plastic anchors are flush with the wall.
- Connect a CAT5 or better cable to the PoE/LAN port of the AP. Connect a PoE switch to the PoE/LAN port, or a power adapter to the DC power jack to supply power to the AP. Before powering on, check if the power sourcing equipment you use complies with your AP.
- Align the AP with the holes of the bracket, and push the AP to one side until you hear a click.
- 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

- Connect devices**
Connect your AP to the PoE port of the PoE switch using an Ethernet cable. Refer to the following figure for detailed connection. After finishing, check your connections, ensure that the AP's SYS LED indicator blinks and the Internet icon on your computer is not displayed.
- Configure the IP address of your computer (Example: Win10)**
On the computer network, click **Settings** > **Change adapter options**, right-click **Ethernet (4)**, **Properties**, and click **IPv4 Internet Protocol Version 4 (TCP/IPv4)**. Choose the following **IP address** or **IP address**: **192.168.0.1** or **192.168.0.2** and **Subnet mask**: **255.255.255.0** and use the configuration.
- Log in to the web UI of the AP**
Use a web browser on your computer to access **192.168.0.254**. Follow the on-screen instructions for log in. Check **Quick Start** for the 2-4GHz configuration page. Configure **SSID** (Wi-Fi name), **Security Mode** (**WPA2 PSK**), **Encryption Key**, **WPA2 PSK**, and **WPA2 PSK**. Then select **OK** from the **Radio Band** drop-down list and repeat the steps.
- Modifying the IP address of the AP**
Click **Network Settings** > **LAN Setup**. Modify the IP address of the AP to **192.168.0.1**, **2**, **3**, **255**, and ensure that the new IP address has not been used in the network. Then click **Save**.
Example: Change the IP address of the first AP to **192.168.0.1**, and the new IP address of the second AP to **192.168.0.2**.

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

- Connect devices**
Use Ethernet cables to connect APs to the PoE ports of the switch. Refer to the following figure for detailed connection.
- 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

- Connect devices**
Use Ethernet cables to connect APs to the PoE ports of the switch. Refer to the following figure for detailed connection.
- Configure APs**
Start a web browser on your computer and log in to the web UI of the 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.

A1: Try the following solutions:

- 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.x (x is 255), and 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 one or more APs are connected to the network without an AP controller, you should first reset one AP in the network first and configure the AP's IP address. Then repeat the procedure to change the IP address of the other APs. Meanwhile, ensure that the AP's new IP address is in the same network segment with the IP address of your computer. Then try logging in to the AP's web UI with the new IP address.
- The AP may be managed by an AC, and therefore its 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 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.
- Reset the AP.
- Ensure that the firmware versions of your AP and AC are the same with the latest firmware versions available on www.ip-com.com.
- 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 www.ip-com.com.
2. Upload the file you downloaded.
3. Log in to the web UI of the AP. Choose **Tools** > **Maintenance** and click **Firmware Upgrade** section. Click **Upgrade**, select and upload the file ending with **.bin** from the folder 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: Press using the Reset button when the SYS LED indicator of the AC blinks, hold down the Reset button for about 5 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 instruction to reset it.

Note: Restoring clears all configurations of your AP.

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case you may be required to take adequate measures. Operation in the 5.15-5.25 GHz band is 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 a special or discrete device. The disconnected device still remain nearby connect.

NOTE: (1) The manufacturer is not responsible for any radio or interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded cable.

RECYCLING

This product bears the recycler 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 disposed of in a manner to impact on the environment.

Use has the device to give to product to a competent recycling organization or to the manufacturer to buy a new electrical or electronic equipment.

Declaration of Conformity

Model: SHENZHEN IP-COM Networks Co., Ltd. declares that the radio equipment type W36AP is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <http://www.ip-com.com/declaration/>

Declaration of Conformity

Model: SHENZHEN IP-COM Networks Co., Ltd. declares that the radio equipment type W64AP is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <http://www.ip-com.com/declaration/>

Declaration of Conformity

Model: SHENZHEN IP-COM Networks Co., Ltd. declares that the radio equipment type W66AP is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <http://www.ip-com.com/declaration/>

FC Statement

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.

The 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. 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.

Radio Emission Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and is also compliant 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 change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded cable.

Operating temperature: 0°C~40°C
Operating humidity: 10%~90% RH, non-condensing
Storage temperature: 5°C~40°C
Storage humidity: 5%~95% RH, non-condensing

Operating Frequency:
2.4GHz: 2.412GHz-2.484GHz
5GHz: EU (5) 5925MHz-5945MHz
5GHz: 5250MHz-5850MHz
Software version: V1.0.0.3

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.

Technical Support

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