

Ceiling Mount AP User Manual

1/Product introduction

LED indicator instructions

One LED Indicator	Name	Normal Status	Instruction
System Light	Green Light	System boots up successfully	
System Light	Blue Light	WiFi boots up successfully	

Three LED Indicator	Name	Normal Status	Instruction
System Light	Blinking	System boots up successfully	
2.4G Light	Flashing	System reset default	
2.4G Light	Flashing	2.4G Wireless boots up successfully	

*The number of LEDs for different models of ceiling mount AP will be different, please refer to the actual product.

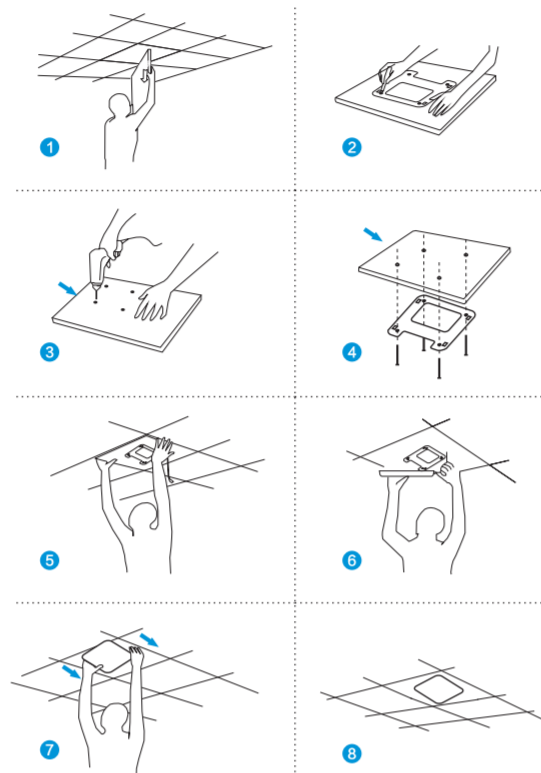
Ports Instructions

Ports & Buttons	Ports Instructions
Reset	Reset button
LED indicator	Last indicator will be bright when Ethernet cable is connected
Reset	Reset button will make device revert to factory settings, press it for 10 seconds when powered, device will reboot
WAN	Connect WAN internet, WAN port connects to ADSL, modem or community broadband cable. Under AP, require mode, WAN port will be changed to LAN port
LAN	LAN port which can connect LAN device

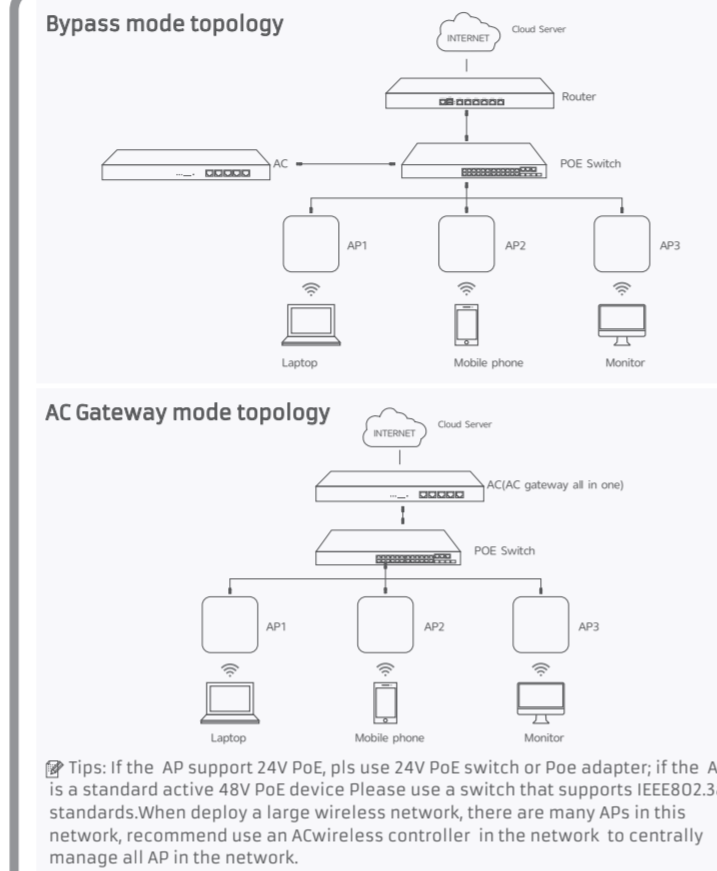
Operational environment

Only Suitable for safe use in areas below to 2000 meters based on sea level

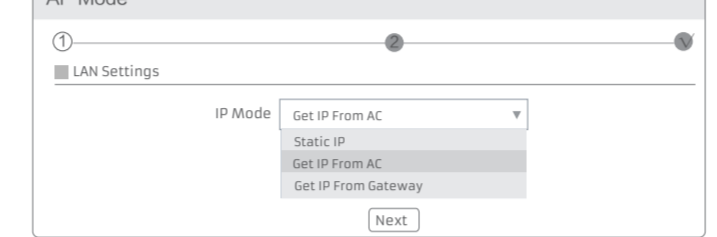
2/Device installation



3/Device connection

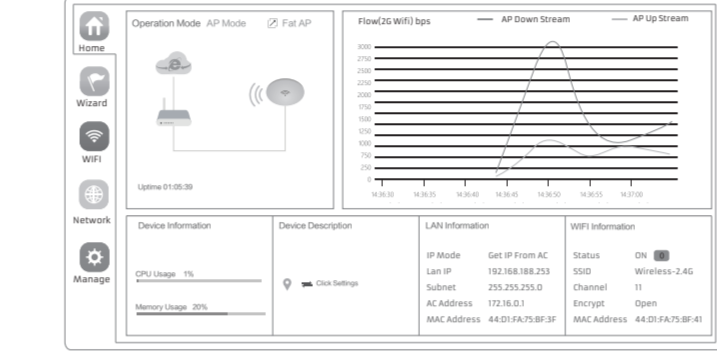


5. In AP setup page, choose "Get IP from AC" in connection type, choose next step.



4.5 Internet setup and Status

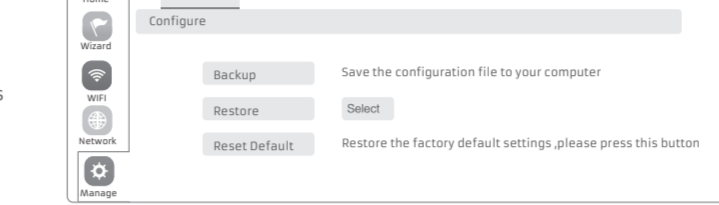
IP settings: After the configuration is completed, the wireless AP will restart and enter the working status you set. Then change the IP address of your computer to automatic acquisition, computer and other wireless devices can connect to the previous router via a wireless AP for wireless internet access.



4.6 Configuration Management

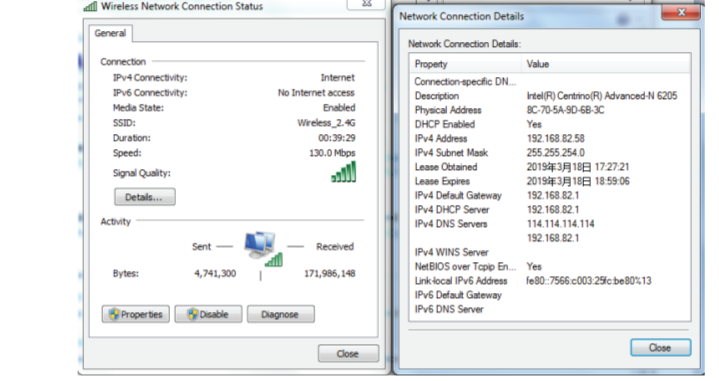
Users can backup, reboot and reset to factory default settings through device management menu options, together with modify the WEB login password, upgrade firmware, time synchronization and system log statistics and other functional settings.

4.6 Other mode



4.6 Wireless testing

1. Use Laptop or mobile phone to test whether the wireless network can surf the internet: click wireless network, select the wireless SSID, enter the password, test whether you can surf the internet.



Gateway Mode

Realize router function, WAN port connect with modem (ADSL cat or Fiber cat) to dial-up, or WAN port dynamic, static IP address to surf the internet.

Repeater mode

Enables wireless bridge and forwarding without compatible matching with the upper device.

WISP Mode

Wireless ISP clients connect to the wireless base station by wireless, to achieve local LAN sharing.

AP mode

Under this mode, NAT, DHCP, firewall, and all WAN related functions are turned off, all wireless and wired interfaces are bridged together, no distinguishing between LAN and WAN.

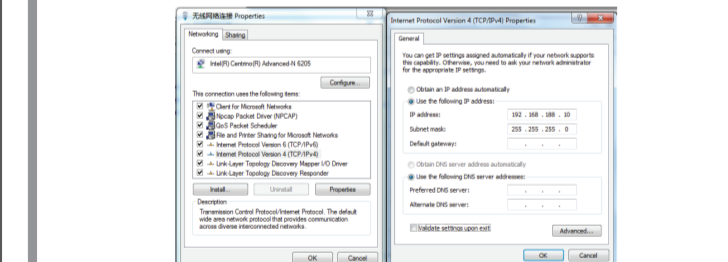
Operation mode setup

Based on the Quick Setup Wizard for each mode shown in the above picture, set the parameters and options that user needs, and click Next step until the settings for each operation mode are completed.

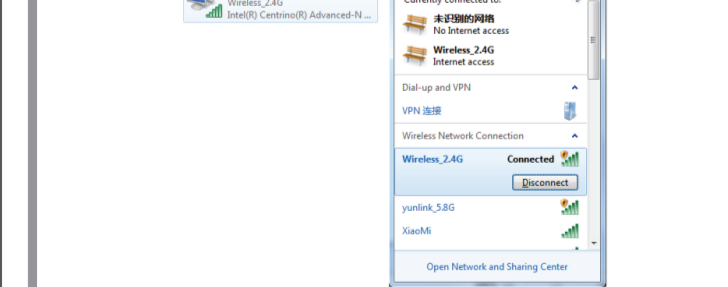
4/Device management

4.1 Web login Management

Connect to PC by wireless: 1. To connect a device wirelessly, you need to set the IP address of the TCP/IP property of the wireless network card to 192.168.188.X (X is number of 2---252) first, so that the device and PC in the same IP segment, and set the subnet mask to 255.255.255.0, as shown in the following picture:

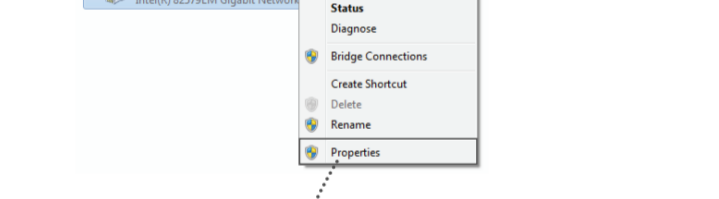


2. After setting the IP address, make user connect with device in wireless, double-click "Wireless network connection" in the pop-up wireless SSID list, select "Wireless 2.4G", click "Connect", enter the password in the pop-up password box, the default password is "66666666", click "OK" to complete the connection.

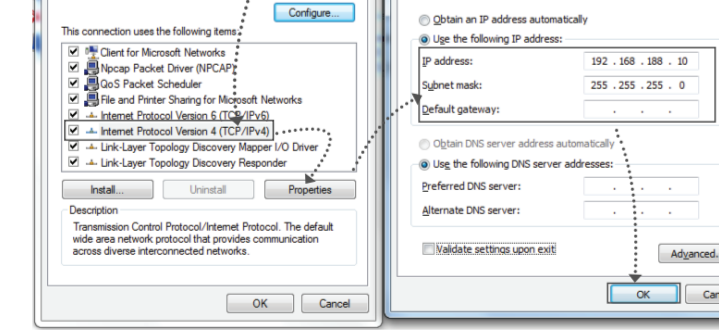


4.2 AP mode

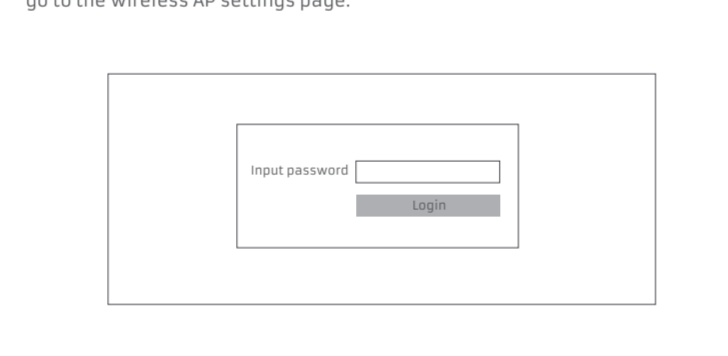
1. Use Internet Explorer to visit http://192.168.188.253, pop up the login screen shown in the following picture, the default login password: admin, after completing it will go to the wireless AP settings page.



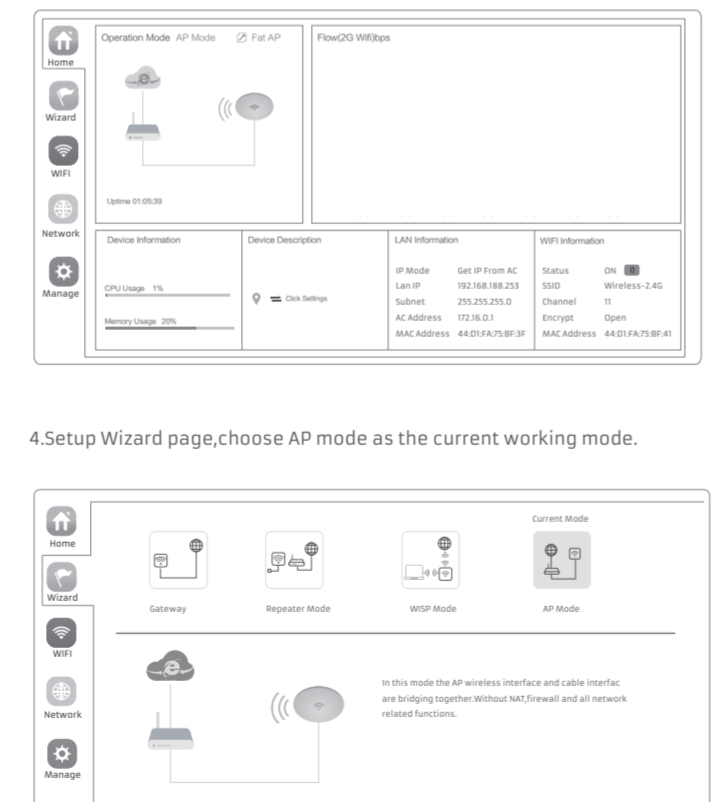
2. Default is fit AP mode page, users need to click the button at the right corner to change it to FAT AP mode if need.



4.3 FAT AP mode home page is as below:



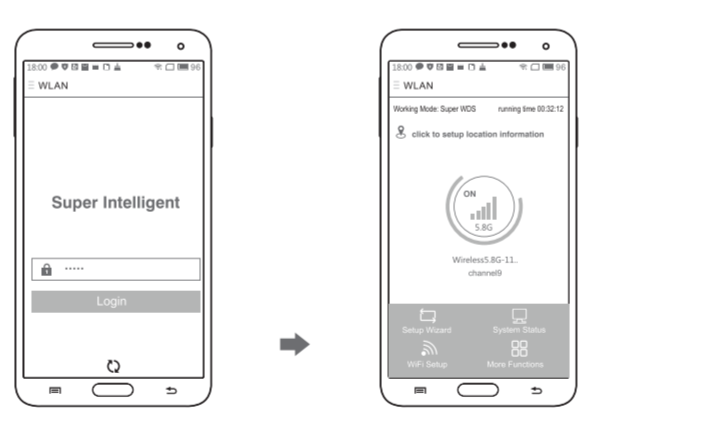
4.4 Setup Wizard page, choose AP mode as the current working mode.



5/Use mobile phone to login

5.1 Use mobile phone to login

Mobile phone login page of AP (login password is admin)



When mobile phone connect to AP through wireless, need to configure static IP as below step



1. How to set static IP for Android system mobile phone

Open the phone click "Settings", choose "WLAN", find and long press the SSID, pop-up menu select "Static IP", set an static IP 192.168.188.X (X can not be 253 or 252) (the static IP should be same IP segment in AP) for mobile phone, then input the right Gateway IP, network mask and domain name.

2. How to set static IP for IOS system mobile phone

Click "Settings", choose "WLAN", click exclamation mark after connect wireless signal successfully, setup the static IP 192.168.188.X (X can not be 253 or 252) for mobile phone, then input gateway IP, subnet mask and DNS, please note: the static IP should be in the same IP segment of AP

Common Problem and Solution

Q1: Forget login name and password? A1: Reset to factory default: press the reset button for 10 seconds and release it, the device will reboot and revert to factory default settings.

Q2: Can not login wireless AP management through WEB page? A2: 1. Check if PC with static IP and if this IP is in the same IP segment of AP, make sure not set to other IP range. 2. Reset AP and re-connect to AP. 3. Make sure wireless AP IP address is 192.168.188.253 and not occupied by other devices. 4. Check if there is something wrong with PC and Ethernet cable, recommend to use CAT 5 unshielded twisted cable.

Q3: Forget wireless network password? A3: 1. Connect AP by wired, login WEB management page, click wireless settings-basic settings-password-set a new password for wireless network. 2. Reset it, the default password is 66666666.

Q4: Can not get IP Address? A4: 1. Under gateway and WISP mode, check if DHCP server is on. 2. Under repeater and AP mode, check if upper network connection is normal, or if LAN network DHCP server is working well.

Q5: How to change FAT AP to FAT AP? A5: Switch FAT and FIT mode by clicking the button at right corner, then device will reboot. After rebooting, please clear cookie and then login.

Q6: AC device list can not get AP devices? A6: The mode for AC controller and AP are different, AC controller with model prefixed in AC is used to control FAT AP, the model prefixed in FAC or BW is used to control FIT AP.

NOTE: Once the device is switched to FAT AP mode, FAC controller will not be able to manage control it.

NOTE: Since the device is switched to FAT AP mode, the default mode is FIT AP mode.

but can not make sure all the information in this manual is correct. This manual may be updated because of the products' application have the right to revise the manual without any notice.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.