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WI-TEK WI-AP218AX Cloud Managed Wireless Ceiling Access Point

WI-TEK WI-AP218AX Cloud Managed Wireless Ceiling Access Point Installation Guide

Contents

WI-TEK WI-AP218AX Cloud Managed Wireless Ceiling Access Point

Product Information

Specifications

- **Model:** WI-AP218AX
- **Brand:** WI-TEK
- **Ethernet Ports**: 10/100/1000Mbps Base-T Ethernet Port (x2)
- **DC Input**: 12V, 1A
- **Wireless Standard**: 802.11ax
- **Power Supply**: PoE or 12V DC Input

Product Usage Instructions

Device Installation

Mount the access point using the plastic anchor mounting bracket and screws provided. Ensure a secure fit.

Power Supply

Power the device using a PoE switch or the included 12V DC power adapter.

Configuration Method

Method 1: Connect your computer to the wireless signal of the AP using the default SSID and password.

Method 2: Connect your computer to the AP via Ethernet cable.

1. Set your computer's IP to 192.168.1.xx within the same subnet as the AP.
2. Open a browser and enter 192.168.1.88 to access the AP login page (default login: admin).
3. In the management page, navigate to [Wizard] to set up the access point.
4. Follow the wizard instructions to finish the settings, choosing the appropriate operation mode.

Cloud Management Settings

1. Go to **http://cloud2.wireless-tek.com** in your web browser.
2. Register an account with a username or email and log in after registration.
3. Fill in the group name and location, save, and proceed to enter the serial number to complete device configuration.
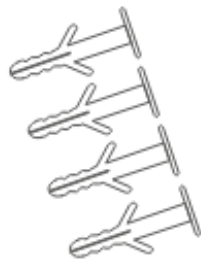
FAQ

- **Q: How do I reset the access point to factory settings?**
  - **A**: Press and hold the reset button for 10 seconds to restore the device to factory settings.
- **Q: What is the default login information for the access point?**
  - **A:** The default login username is admin and the password is admin.
- **Q: How do I know if the access point is working normally?**
  - **A:** A blue light indicates that the system is working normally.
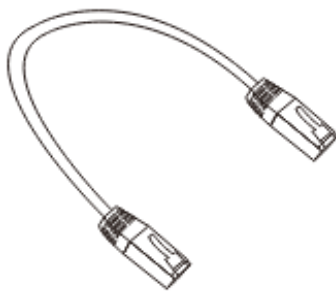
Packing Content

1 × AP
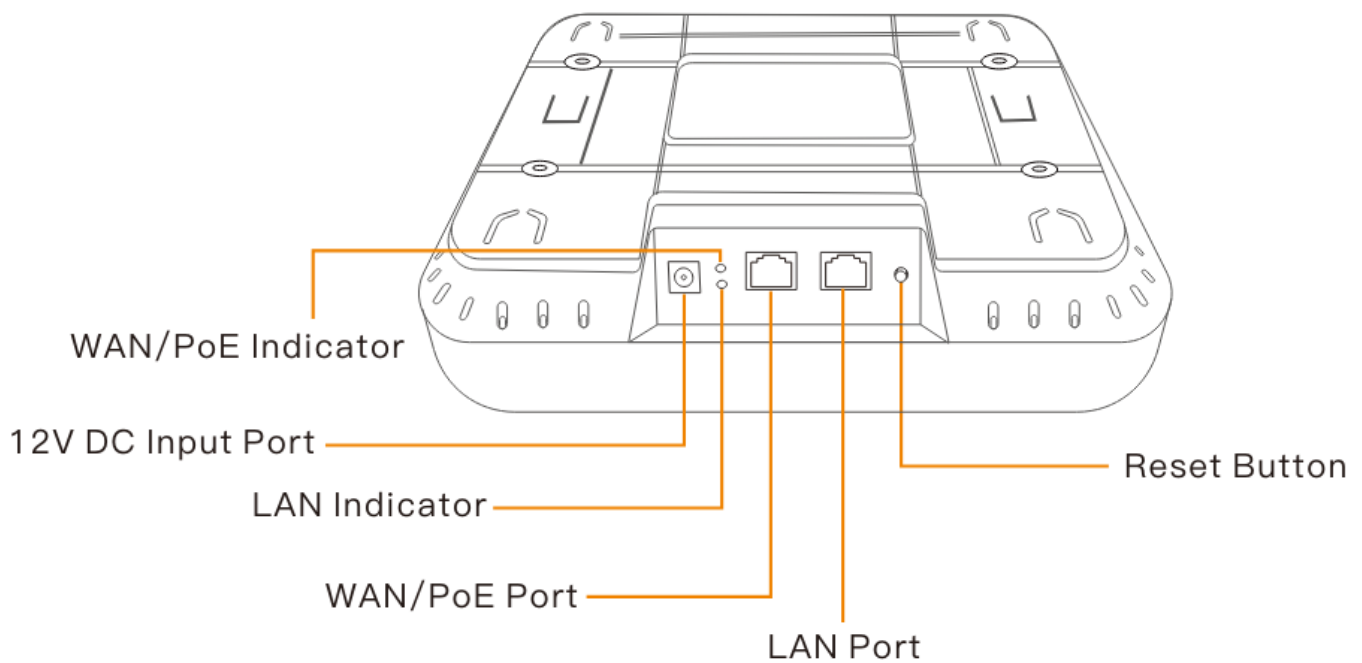

4 × Plastic Anchor

4 × Self–Tapping Screws

1 × Ethernet Cable
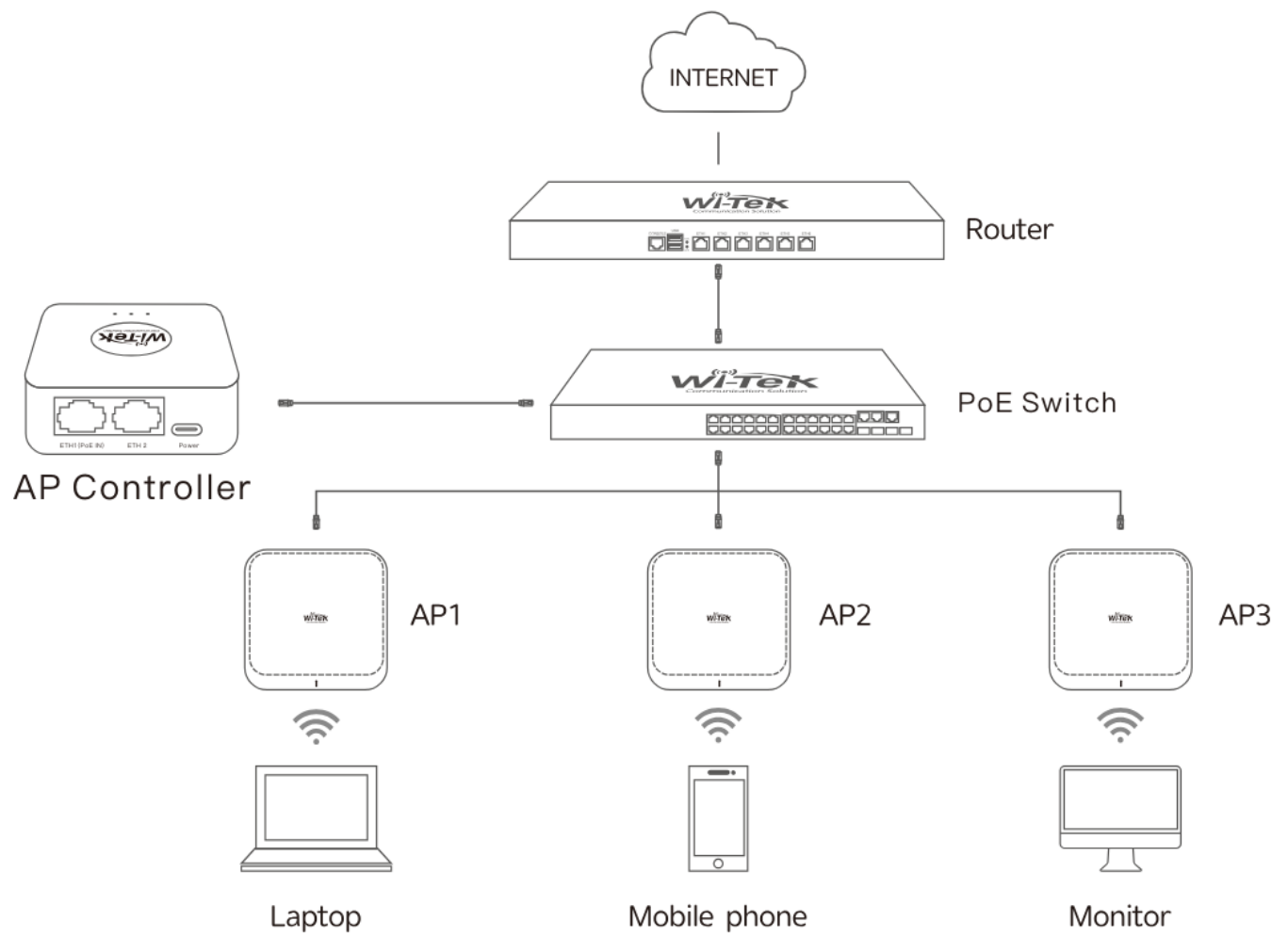

1 × Quick Installation Guide

Appearance Overview

WAN/PoE Indicator

12V DC Input Port

LAN Indicator

WAN/PoE Port

LAN Port

Reset Button

LED indicator

LED Indicators	Status	Description
System Indicator	Red light	Slow blinking: The system is starting.
		Fast blinking: The system is restoring factory.
	Blue light	The system is working normally.
LAN Indicator	Yellow	The LAN port is connected via Ethernet cable.
	Off	The LAN port is disconnected.

Port and Button

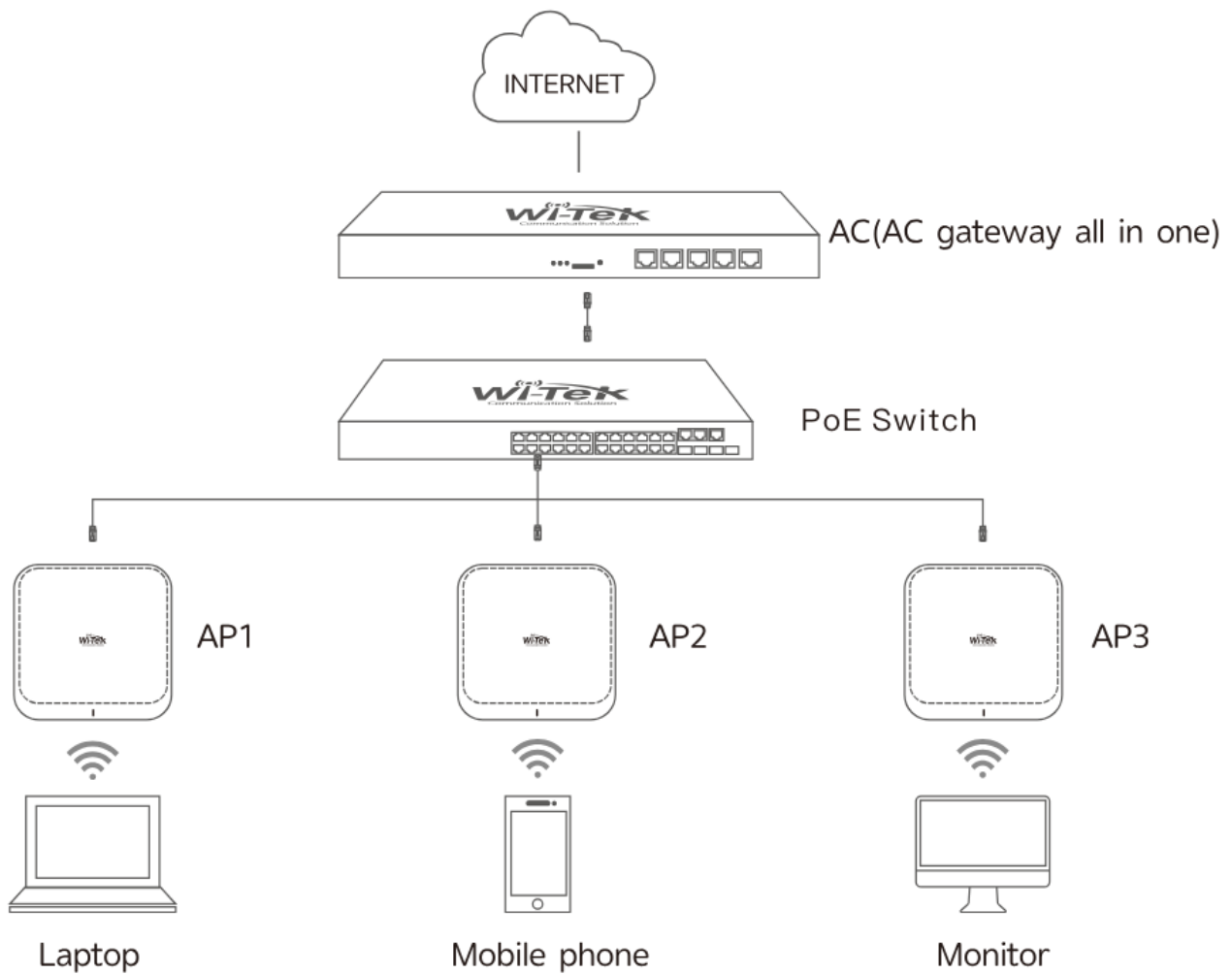| Port&Button	Description
RESET	Reset button, which is used to restore the factory. Holding down the reset button for10 seconds to revert to factory settings.
WAN/PoE	10/100/1000Mbps Base–T Ethernet Port, which supports 802.3af/at PoE Input. If the AP is powered through PoE, please connect this port to the PoE switch supporting 802.3af output. It is generally connected to the upstream switch.
LAN	10/100/1000Mbps Base–T Ethernet port It is generally to connected to wired LAN devices such as PC.
DC	DC Input: 12V,1A The AP is powered through 12V DC Input.

Typical Connection

- Bypass mode topology

INTERNET

Router

AP Controller

PoE Switch

ETH1 (PoE IN)   ETH 2   Power

AP1
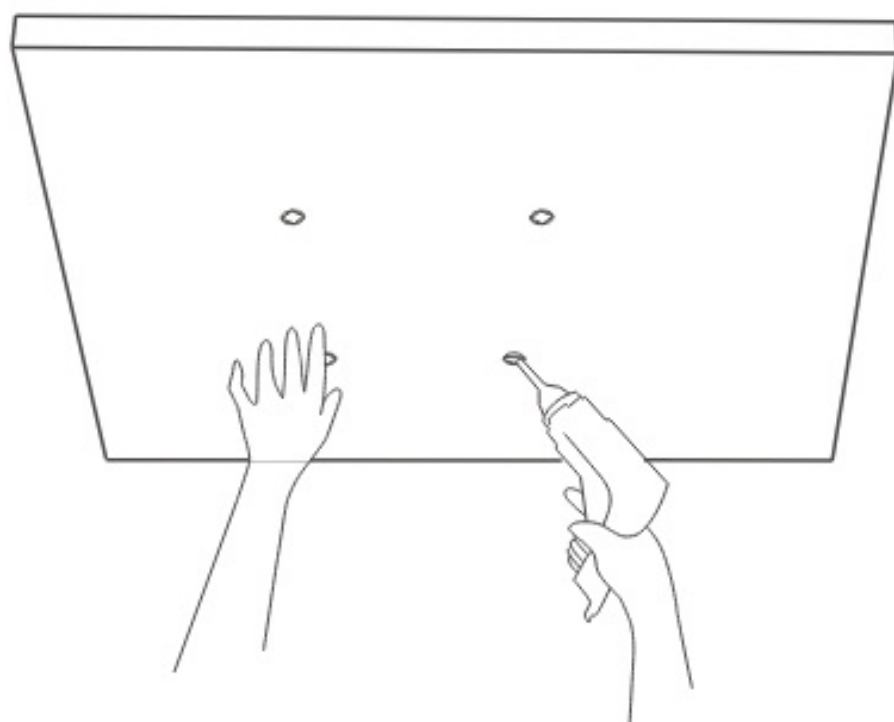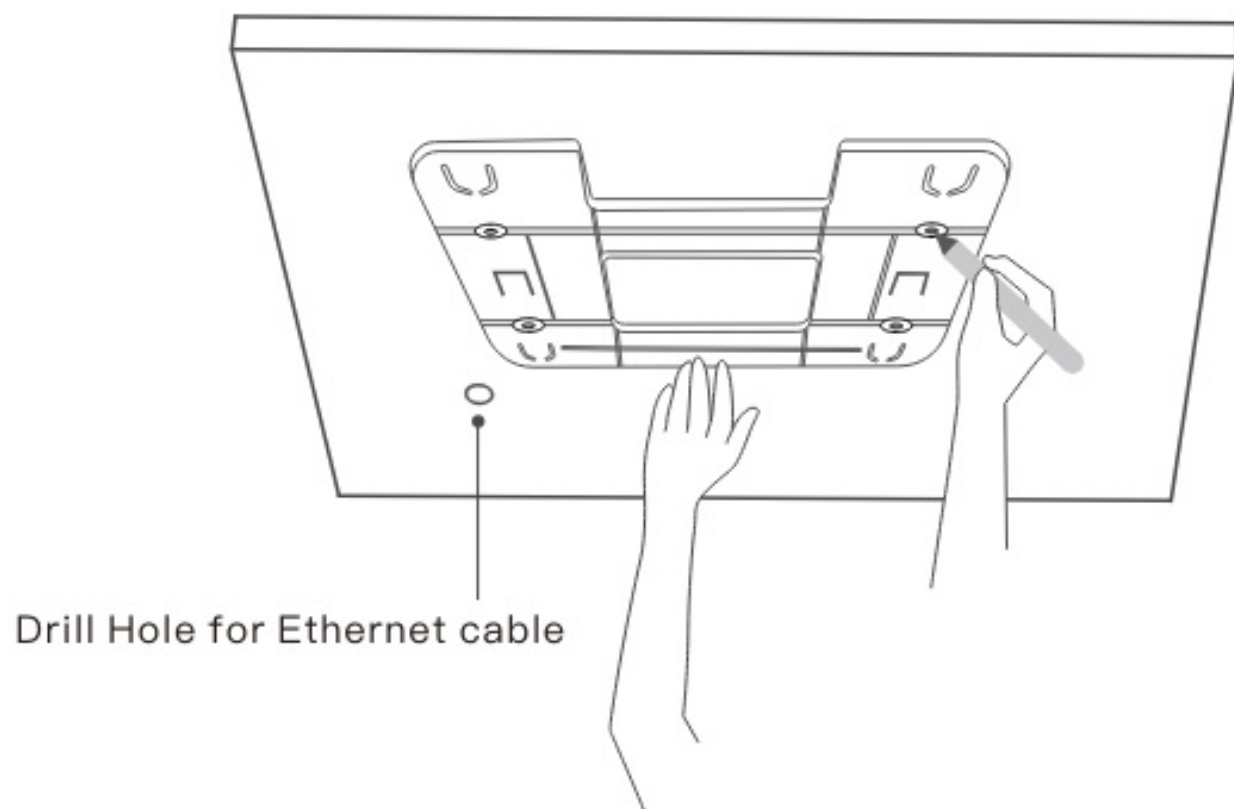
AP2

AP3

Laptop

Mobile phone
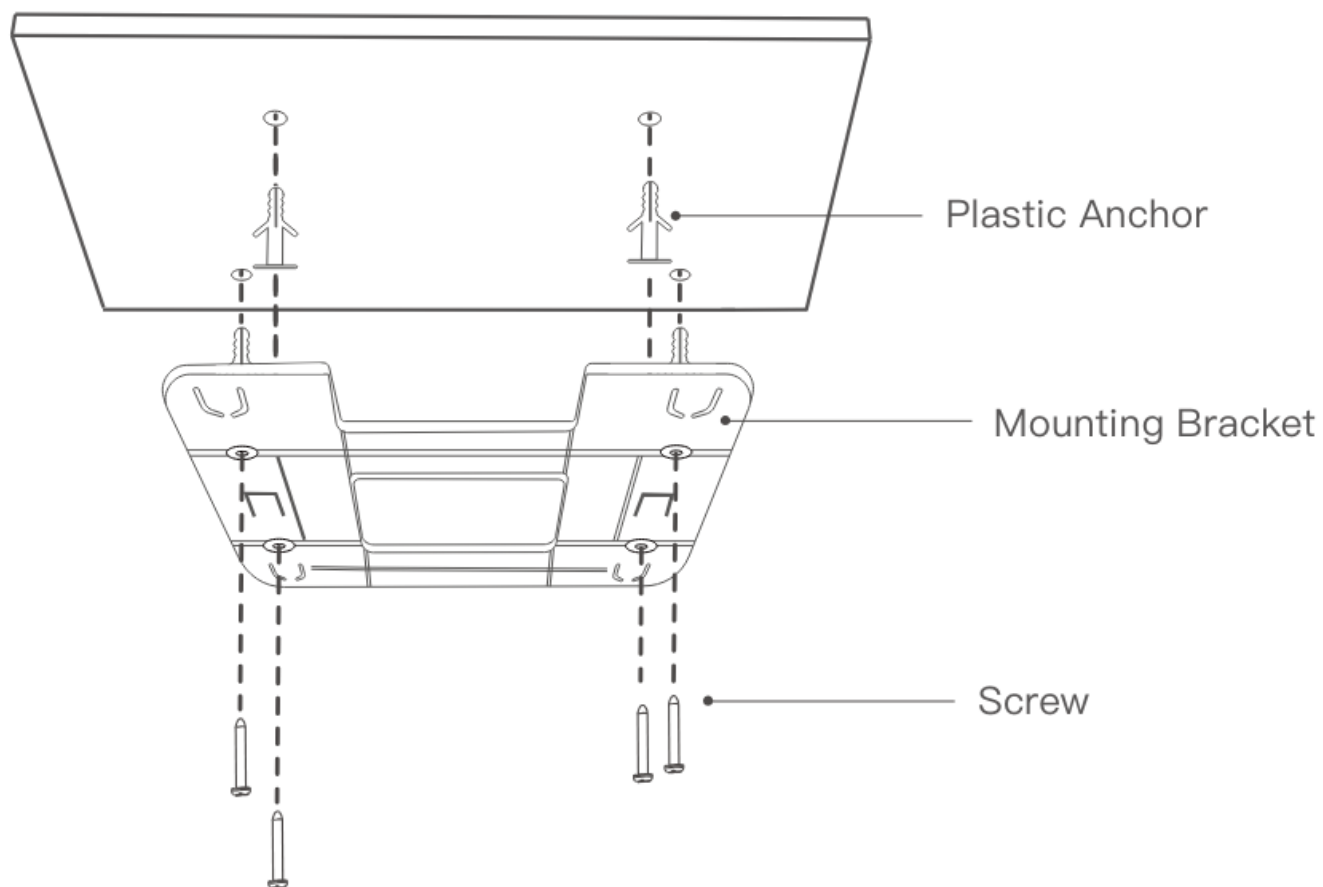
Monitor

- AC Gateway mode topology
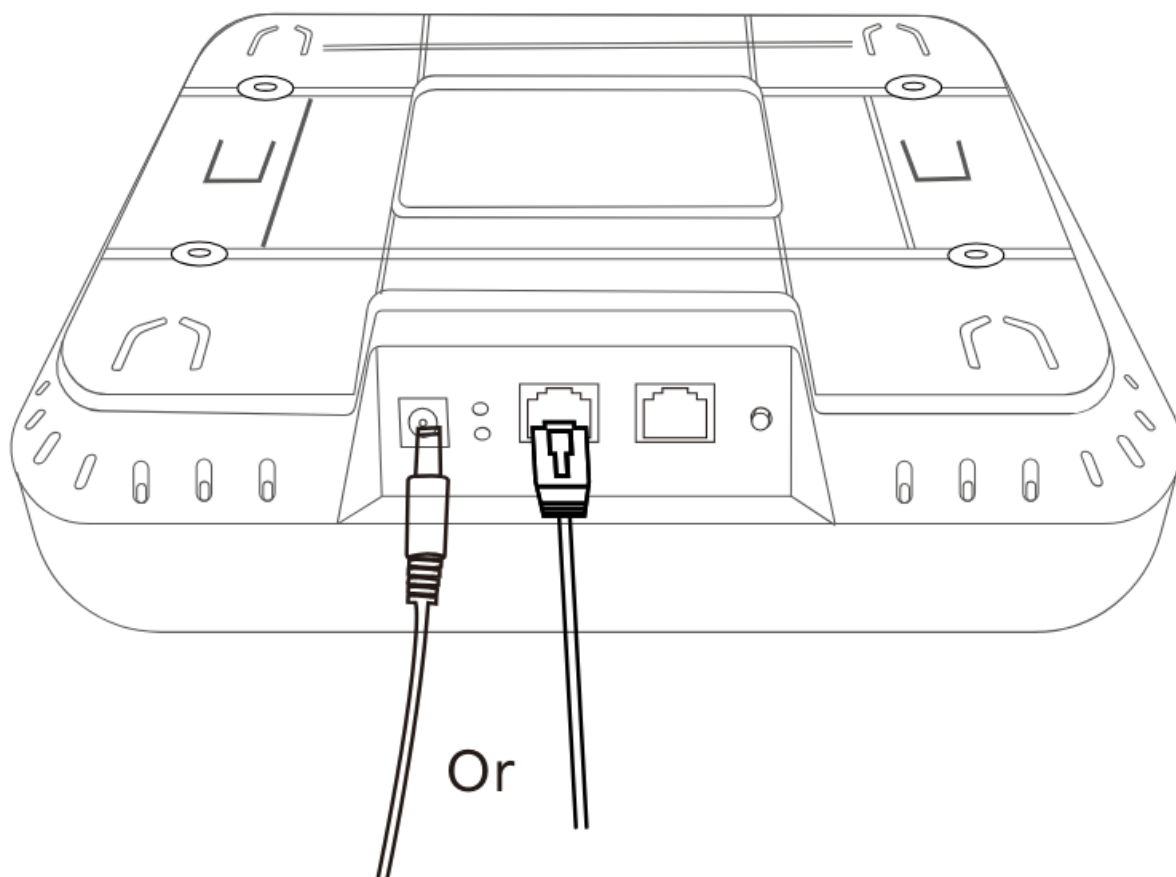
Device Installation

Ceiling Mounting

1. Place the bracket in the center of the ceiling and then mark the positions for the screw holes and the position for Ethernet cable.
2. Drill holes in the marked positions using a hammer drill
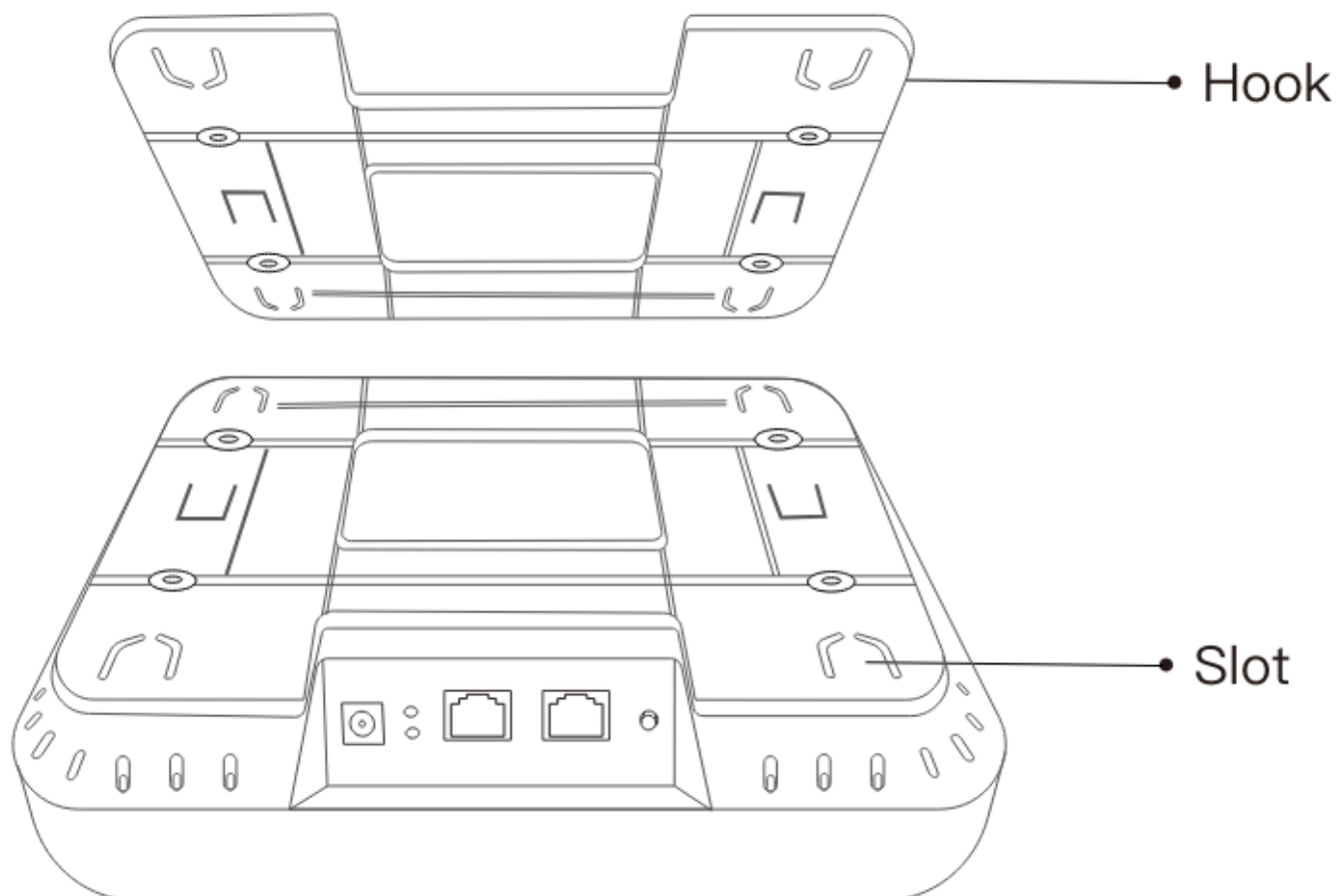
Drill Hole for Ethernet cable

3. Knock the plastic anchors into the holes by using the rubber hammer. Align the screw holes in the bracket with the holes in the ceiling and use the self-tapping screws to fix the bracket.

Plastic Anchor

Mounting Bracket

Screw

4. Power the AP by connecting a PoE switch to the WAN/PoE port or a power adapter to the DC Input port
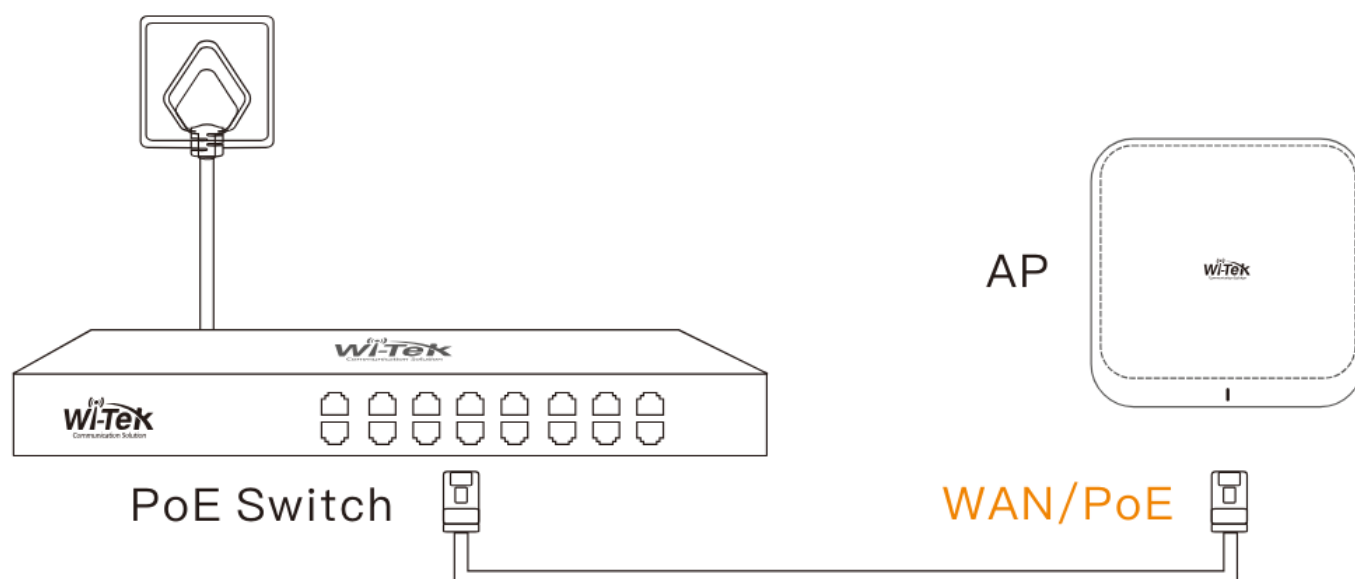

Or

Align the slots of the AP with the hooks of the bracket. Push the AP to one side until the AP is fixed.

Hook
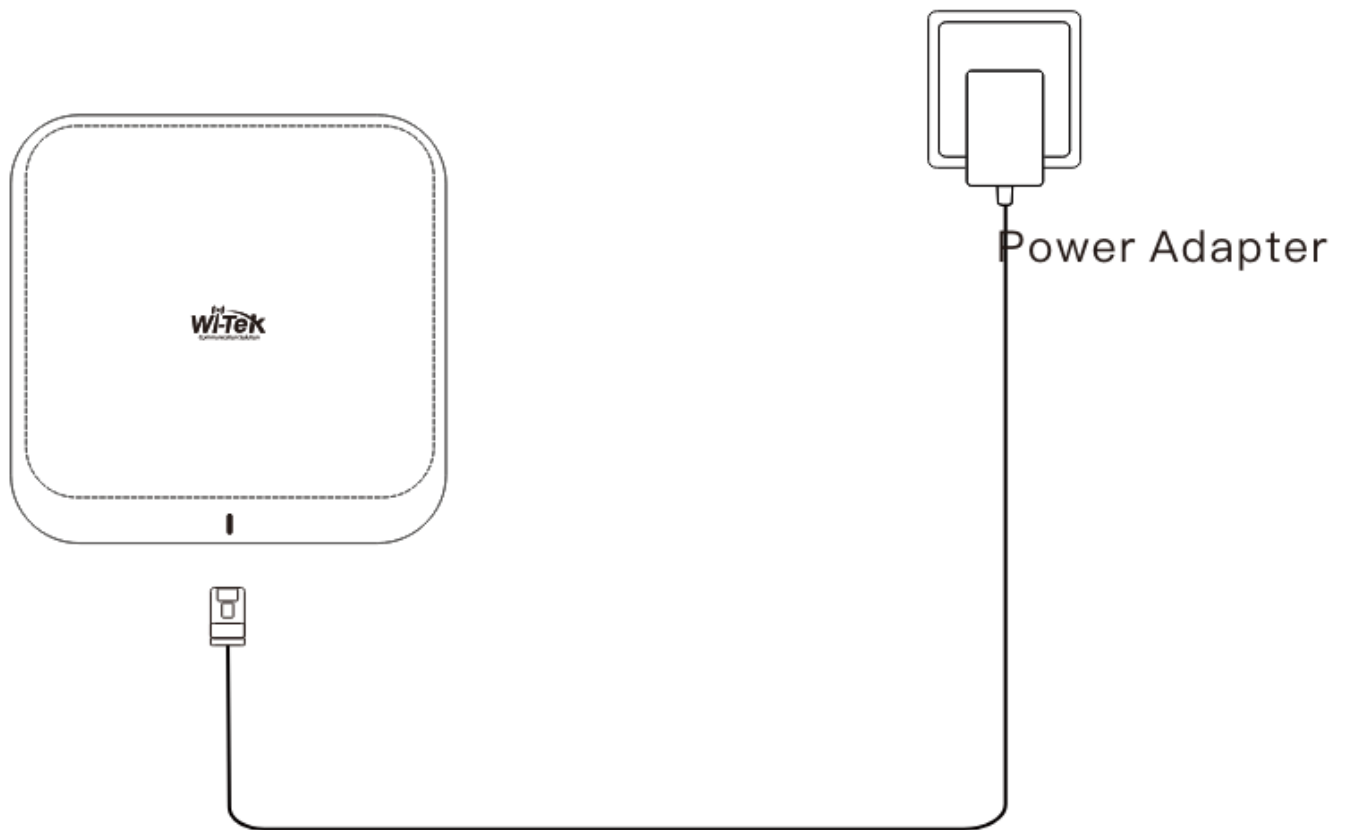
Slot

Power Supply

Power via PSE Device

- The APs can be powered via a PoE switch which supports 802.3at PoE output.
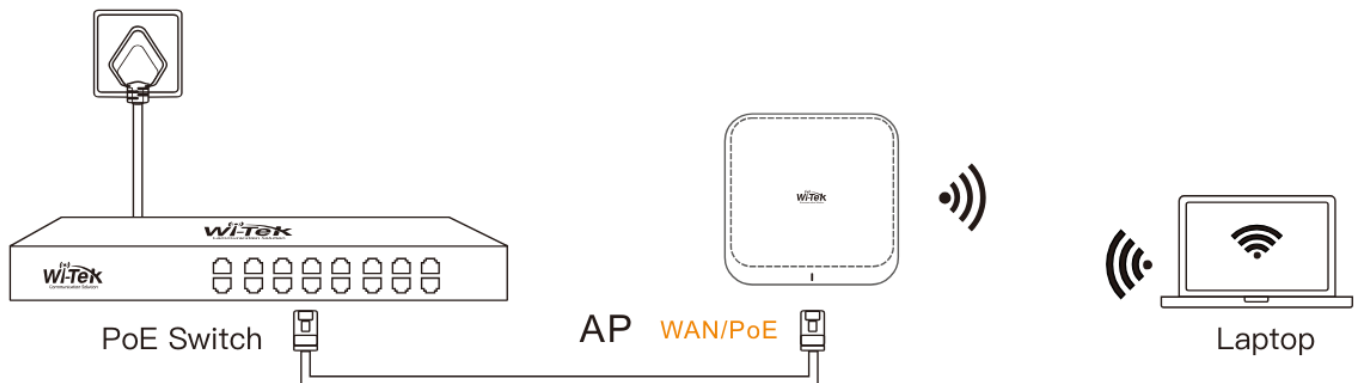

AP

PoE Switch

WAN/PoE

Power via Power adapter

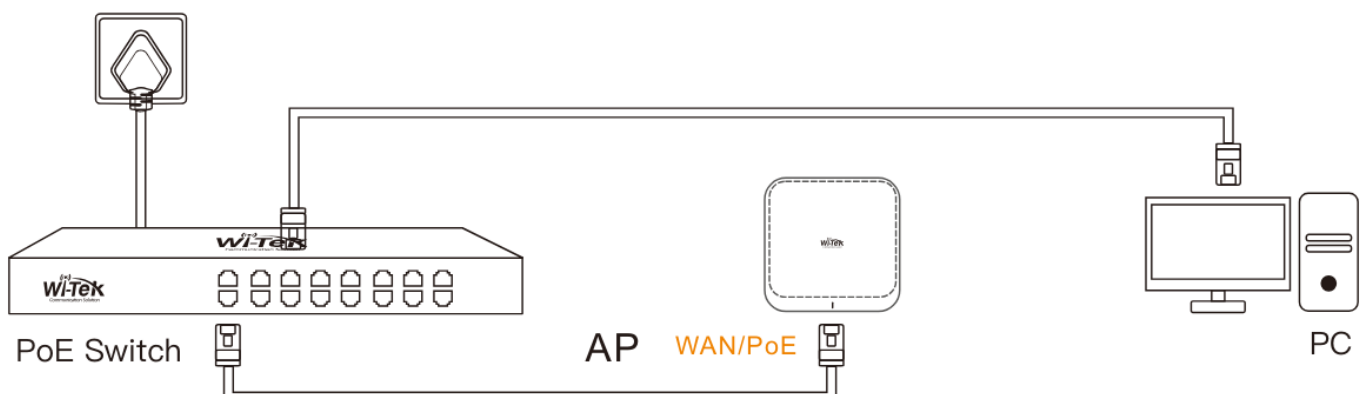- Some APs can be powered via power adapter which supports 12V DC output.

Configuration Method

- **Method 1**. Connect the computer to the wireless signal of AP, the default SSID is "WI-TEK xxxx".Password is 88888888

PoE Switch   AP WAN/PoE   Laptop

- **Method 2**. Connect the computer to the AP by Ethernet cable.

PoE Switch   AP WAN/PoE   PC

- **Step 1**. On the computer, please set the static IP under the same subnet with AP, 192.168.1.xx
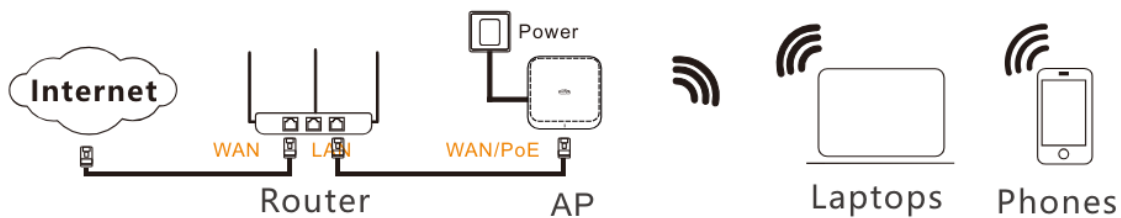

- **Step 2**. Please launch a browser such as Google Chrome or Firefox, type 192.168.1.88 into the address bar and click on enter to get in the login page of the wireless access point. The default login password is "admin".
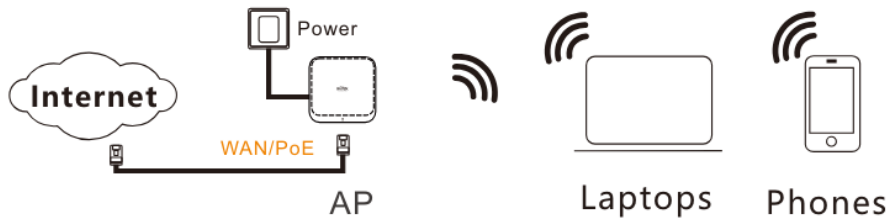
Login device

admin   ◉   Login

- **Step3**. After getting in the management page,On the left side menu, please go to [Wizard] to setup the access point
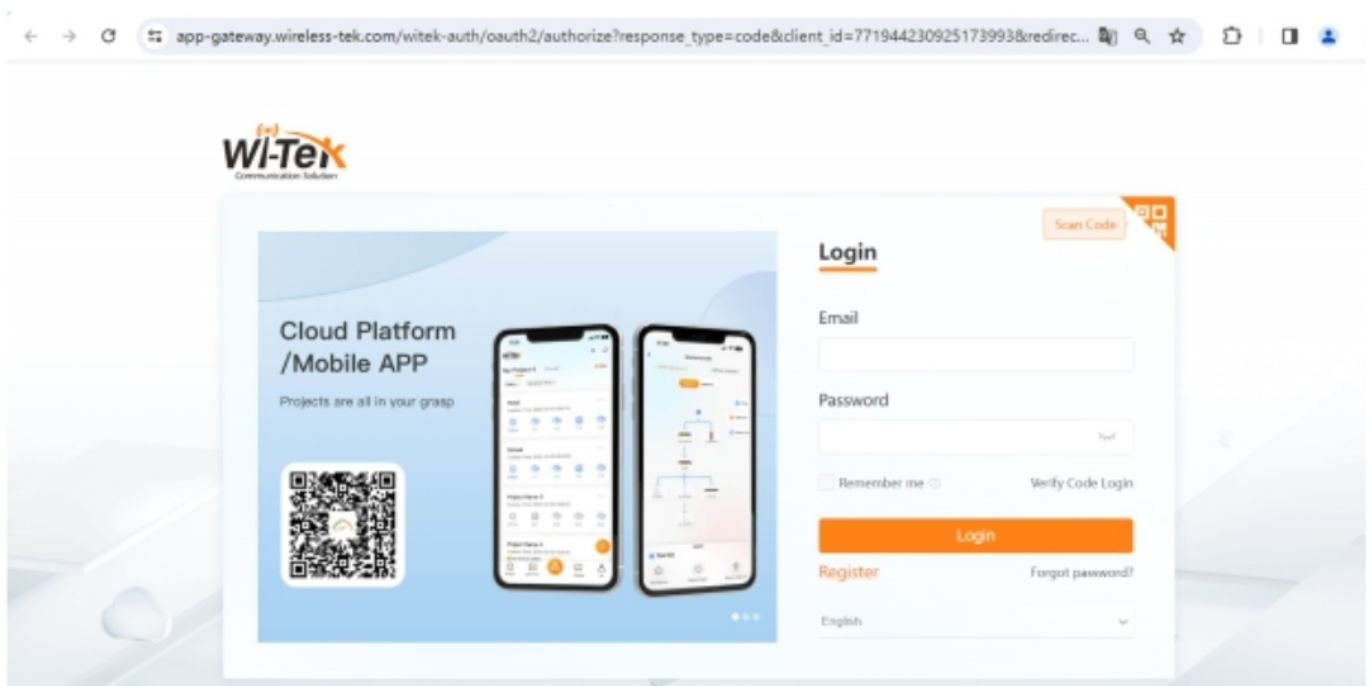
Wireless Router Mode default Login IP: 192.168.11.1 admin/admin

- **Step4.** Select the appropriate operation mode and follow the instructions of the wizard to finish the settings. If already exist a Router in your network, please choose, Fit AP mode; if not, you can choose Wireless Router mode Notice: if you do a reset, AP will recover to Fit AP mode
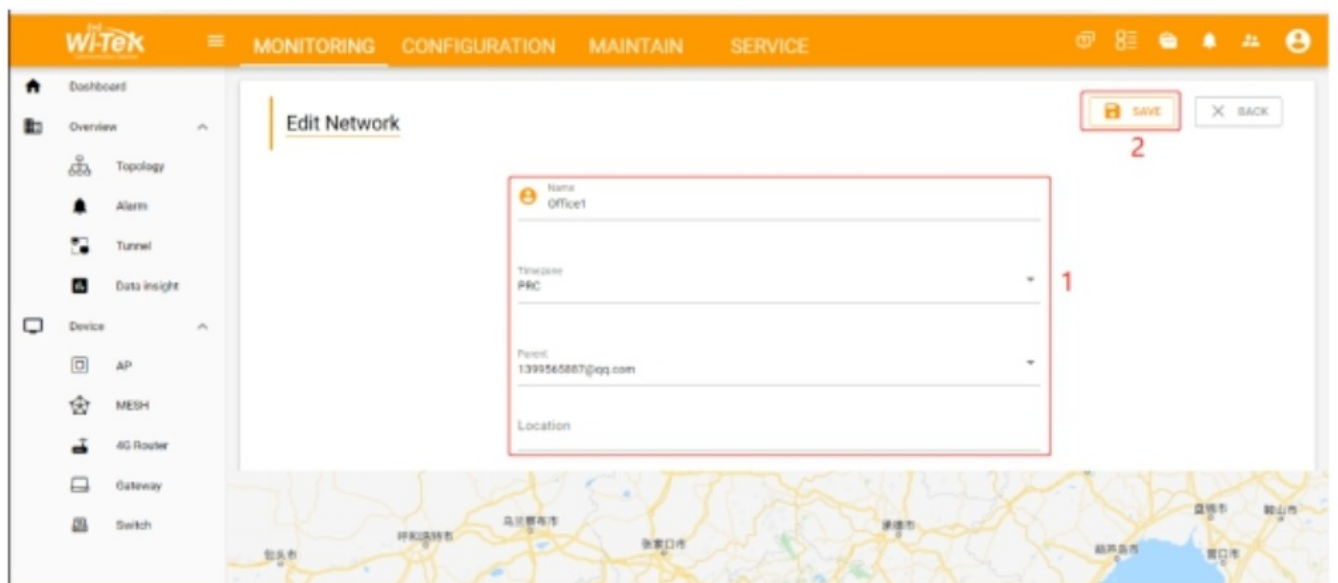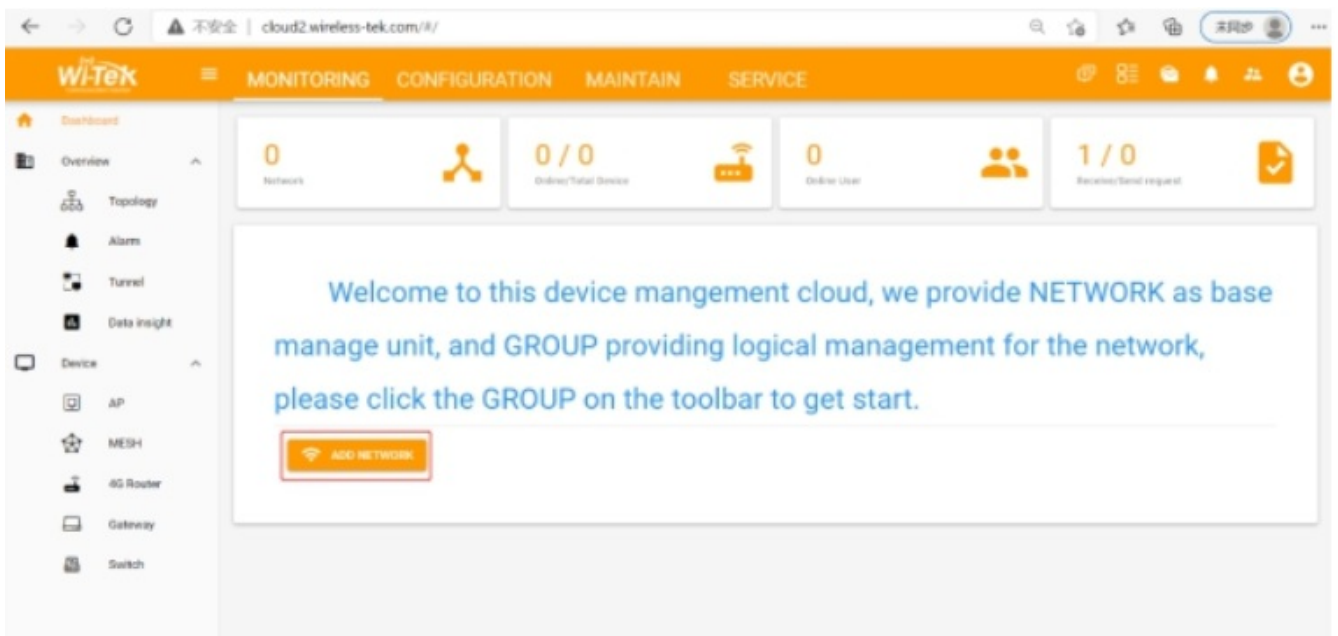
Cloud management settings

- **Step 1** Launch your web browser then enter http://cloud2.wireless-tek.com in the address bar.
- **Step 2** Register an account password by user name or email.
- **Step 3** log in to the cloud account with the account password after registration.
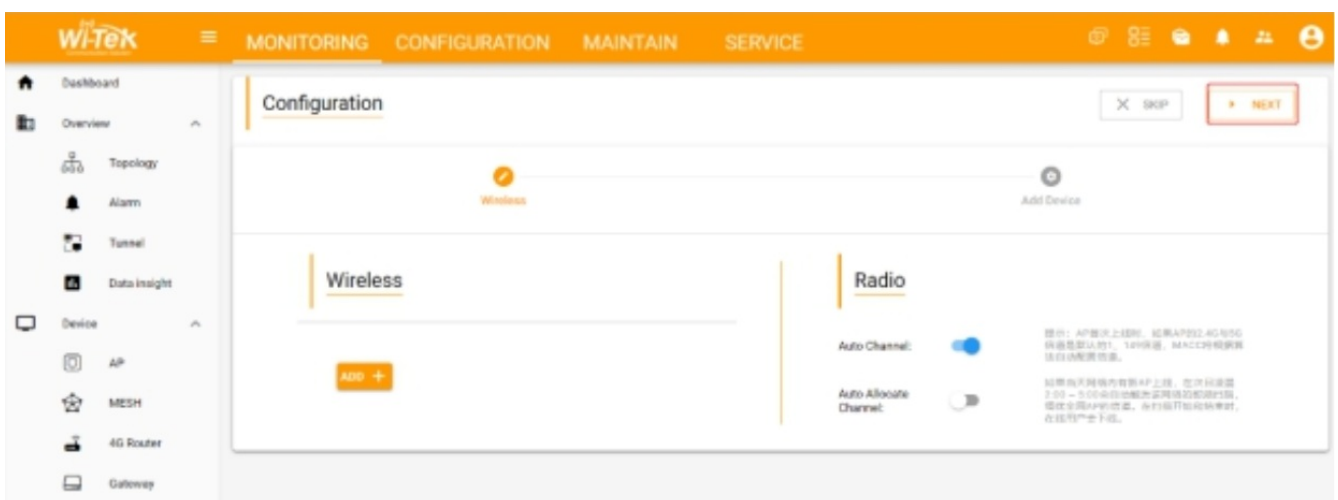

After the login is successful, the steps to bind the device on the cloud account are as follows

1. Click ADD NETWORK
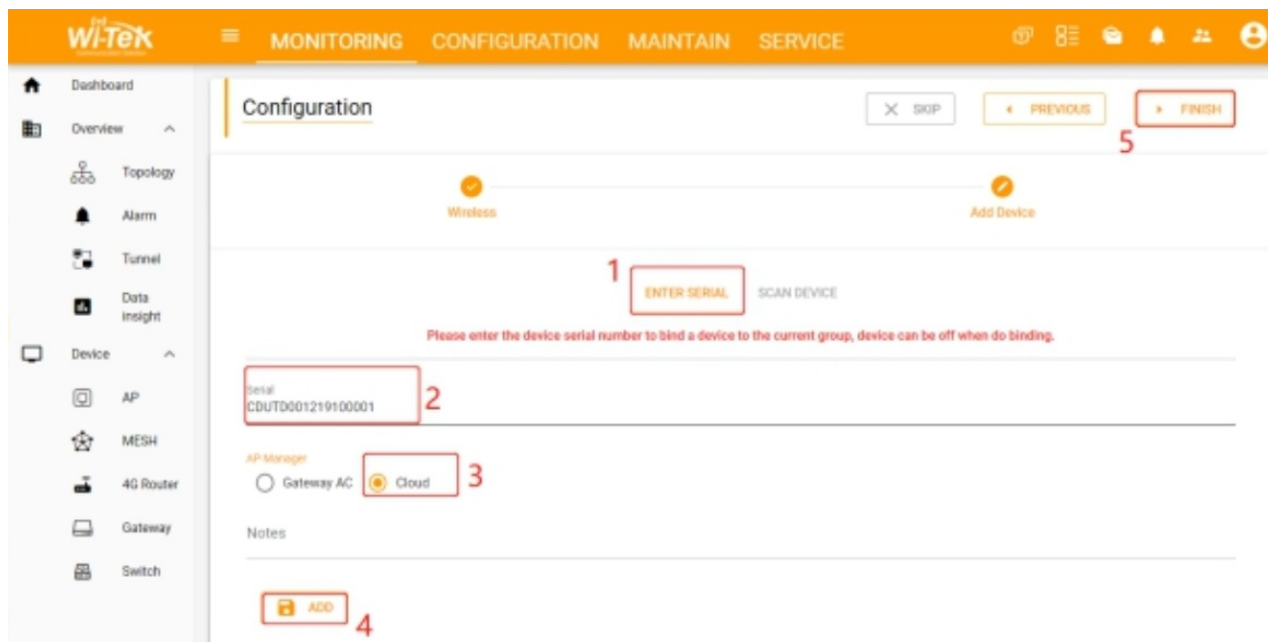
2. Fill in the group name and location, and click save.

3. And click next
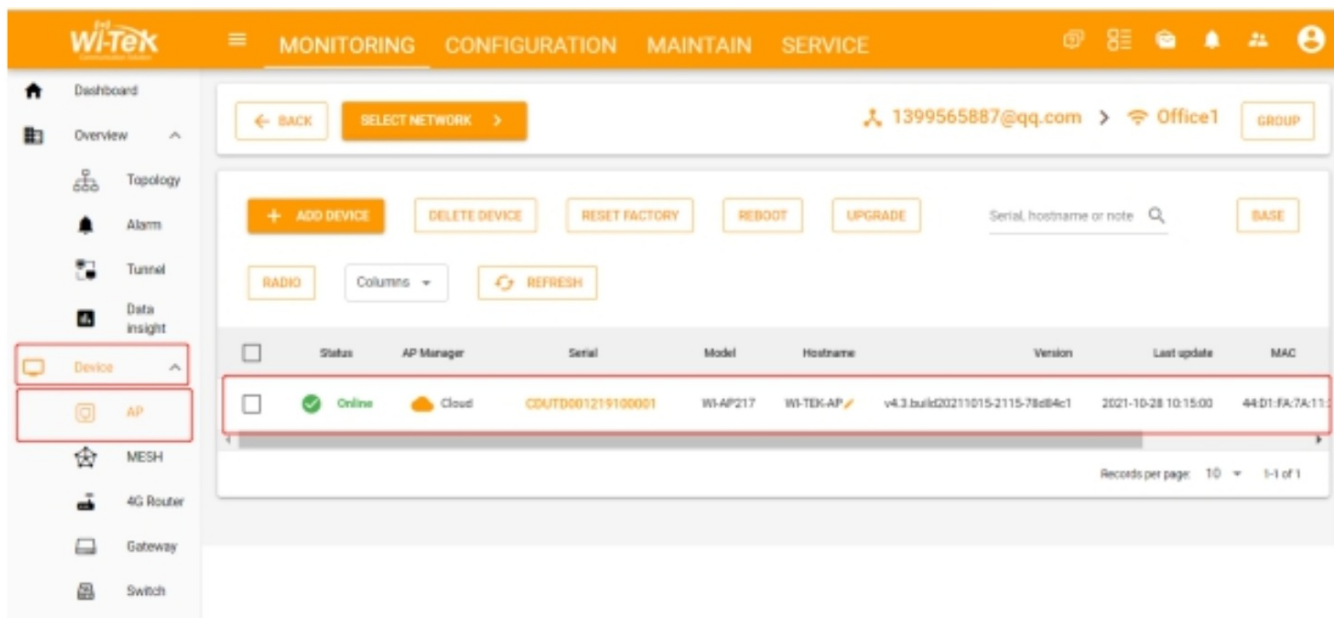

4. Enter the serial number, click ADD to create and click FINISH,the configuration is complete.
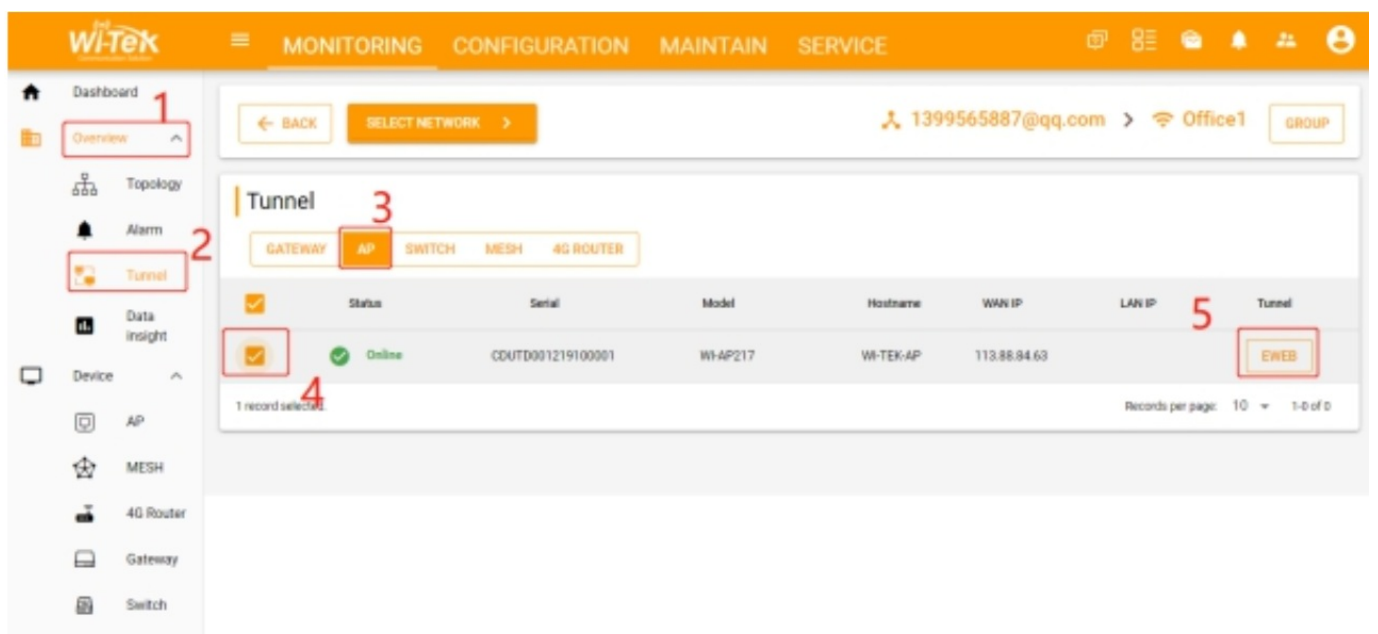
- **Note**: The 17-digit SN code of the Add device is shown on the sticker on the back of the device.

5. In the relevant device options, you can see the bound device information.

6. Click Tunnel, Select binding device type, and click EWEB to log in to the device.

Add EWEB

Create EWEB tunnel success, please click the following link to access or copy the link and open it in web browser.

http://0df323ff.eweb.wireless-tek.com

FAQ

The LED is not lit

A1: Please check the PoE switch is 802.3af/at. A2: Make sure the PoE switch is outputting the correct voltage. A3: Make sure the Ethernet cable does support PoE function.

. What can I do if the login window does not appear

A1: Please check if the computer is the static IP 192.168.1.xxx. A2: Please try another browser. A3: Reboot your AP device and try again. A4: Disconnect the Internet connection and try again, after login, connect to the internet.

Warranty Card

Username	
Address	
Telephone No.	
Purchase Shop	
Purchase Address	
Product Model No.	
Purchase Time	
Serial No.	
Dealer Signature	

- If the product is defective within three months after purchase, we will provide you a new product of the same model.
- If the product defects within the three-year warranty period, we will provide the professional maintenance service.

- Proof of purchase and a complete product serial number are required to receive any services guaranteed as part of the limited warranty.
- Any other defects that are not caused by workmanship or product quality, such as natural disasters, water damage, extreme thermal or environmental conditions, sticker damage, or warranty card loss will disqualify the product from limited warranty.

Technical Support   Company Website   Cloud Management

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- www.wireless-tek.com

Documents / Resources

	[WI-TEK WI-AP218AX Cloud Managed Wireless Ceiling Access Point](#) [pdf] Installation Guide WI-AP218AX Cloud Managed Wireless Ceiling Access Point, WI-AP218AX, Cloud Managed Wireless Ceiling Access Point, Managed Wireless Ceiling Access Point, Wireless Ceiling Access Point, Ceiling Access Point, Access Point

References

- W [Wi-Tek Cloud](#)

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