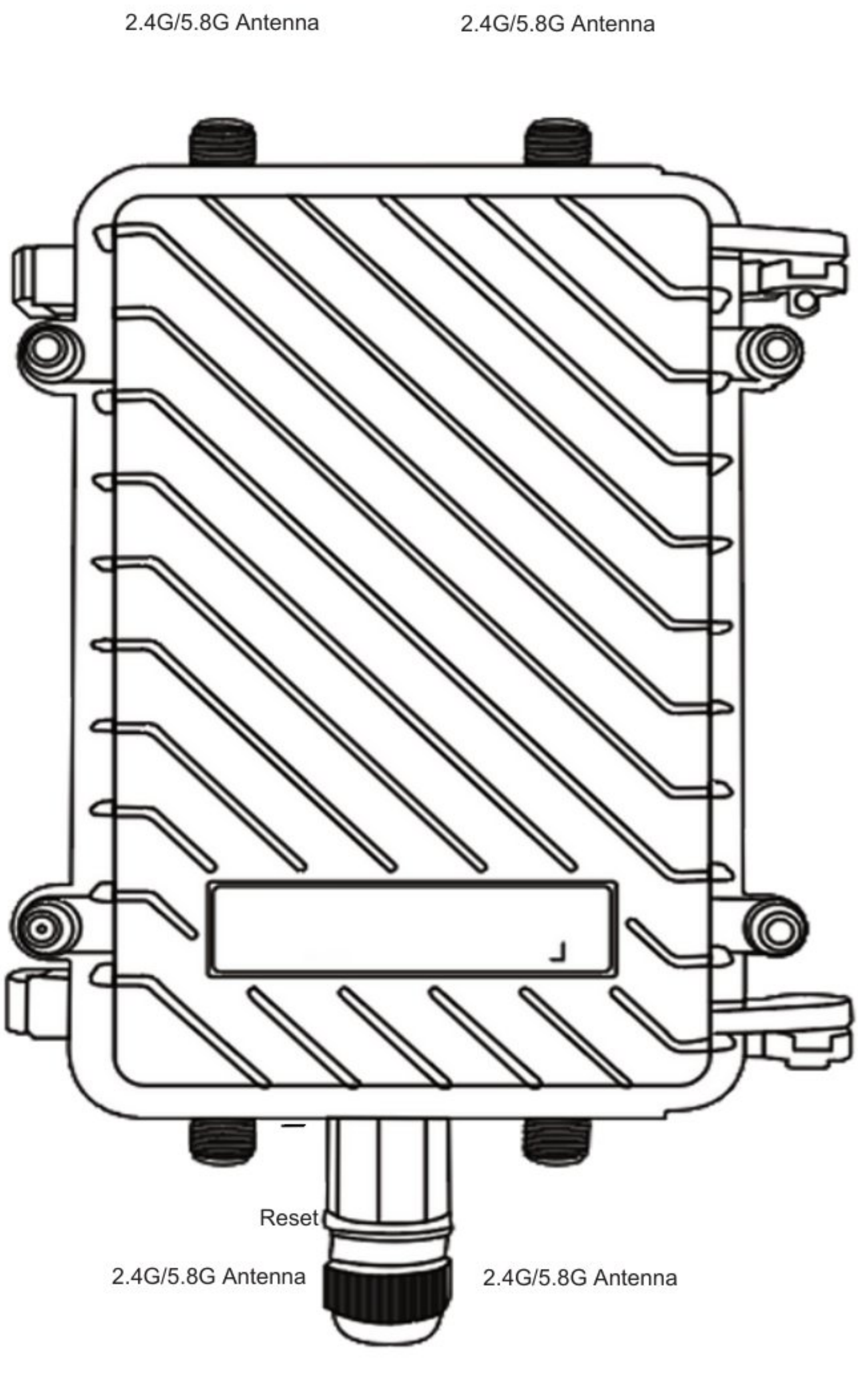
Quick Setup Wizard

Beam AX3000 Outdoor AP/Extender

AX1800&AX3000

1、ProductDescription



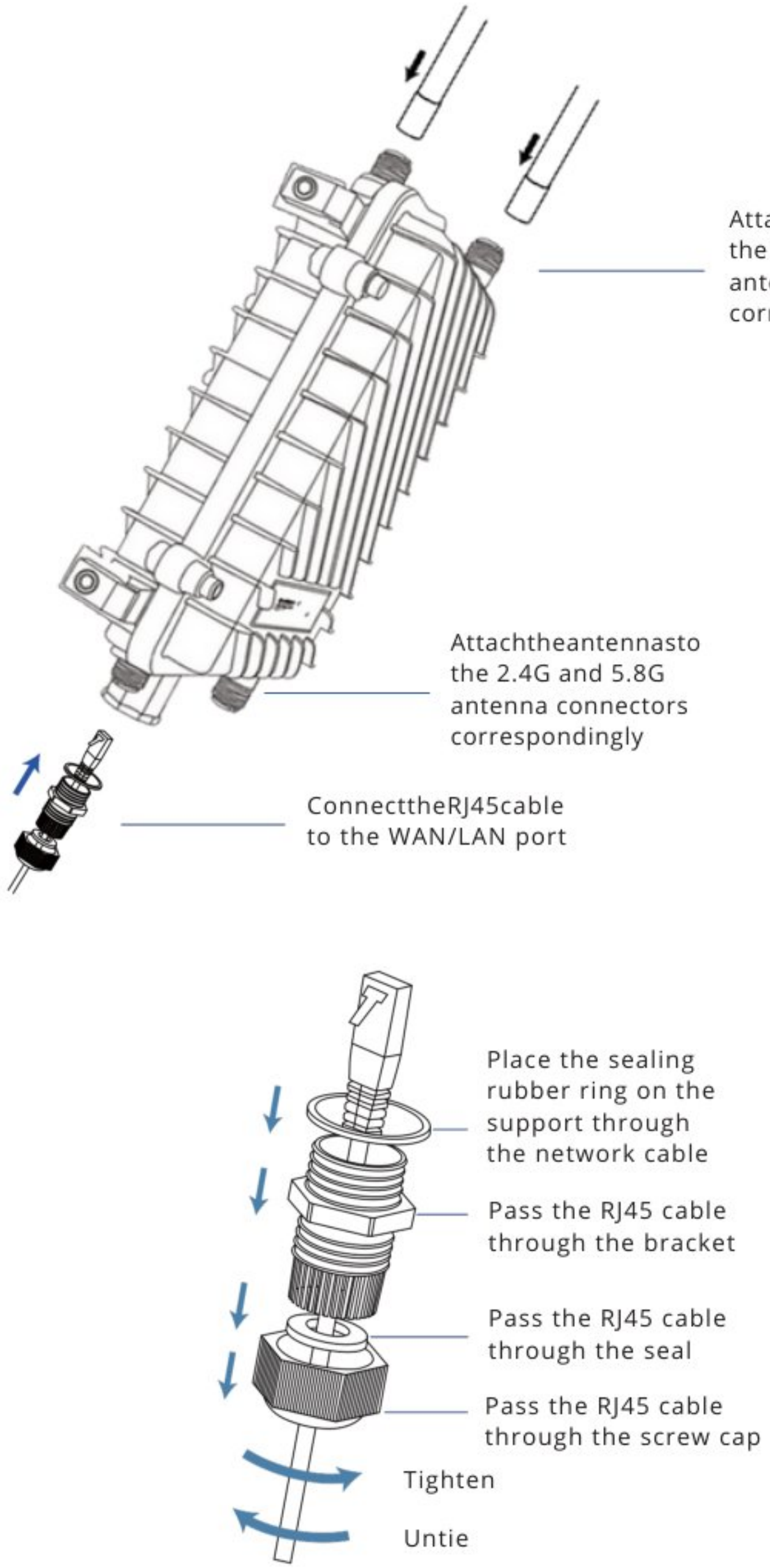
2、Status LED Description

Mode	StatusLED	Description
Mesh Master Route/Mesh Master AP Mode	Fast Blinking	No internet
	Slow Blinking	No internet/The device is in pairing state.
	Solidon	The device has connected to the internet.
Mesh Slave Route Mode	Fast Blinking	No internet The device has not connected to the mesh master router.
	Slow Blinking	No internet/The device is in pairing state. The device has connected to the mesh master router , but no access to the internet.
	Solid on	The device has connected to the mesh master router ,and the internet has been connected.
AP Mode	Fast Blinking	No internet
	Solid on	The device has connected to the Internet.
Wisp/ Repeater Mode	Fast Blinking	No internet/The device has not connected to the upstream router.
	Slow Blinking	No internet/The device has connected to the upstream router. The device has connected to the upstream router,and the internet has been connected.
	Solid on	

3、Port/buttondescription

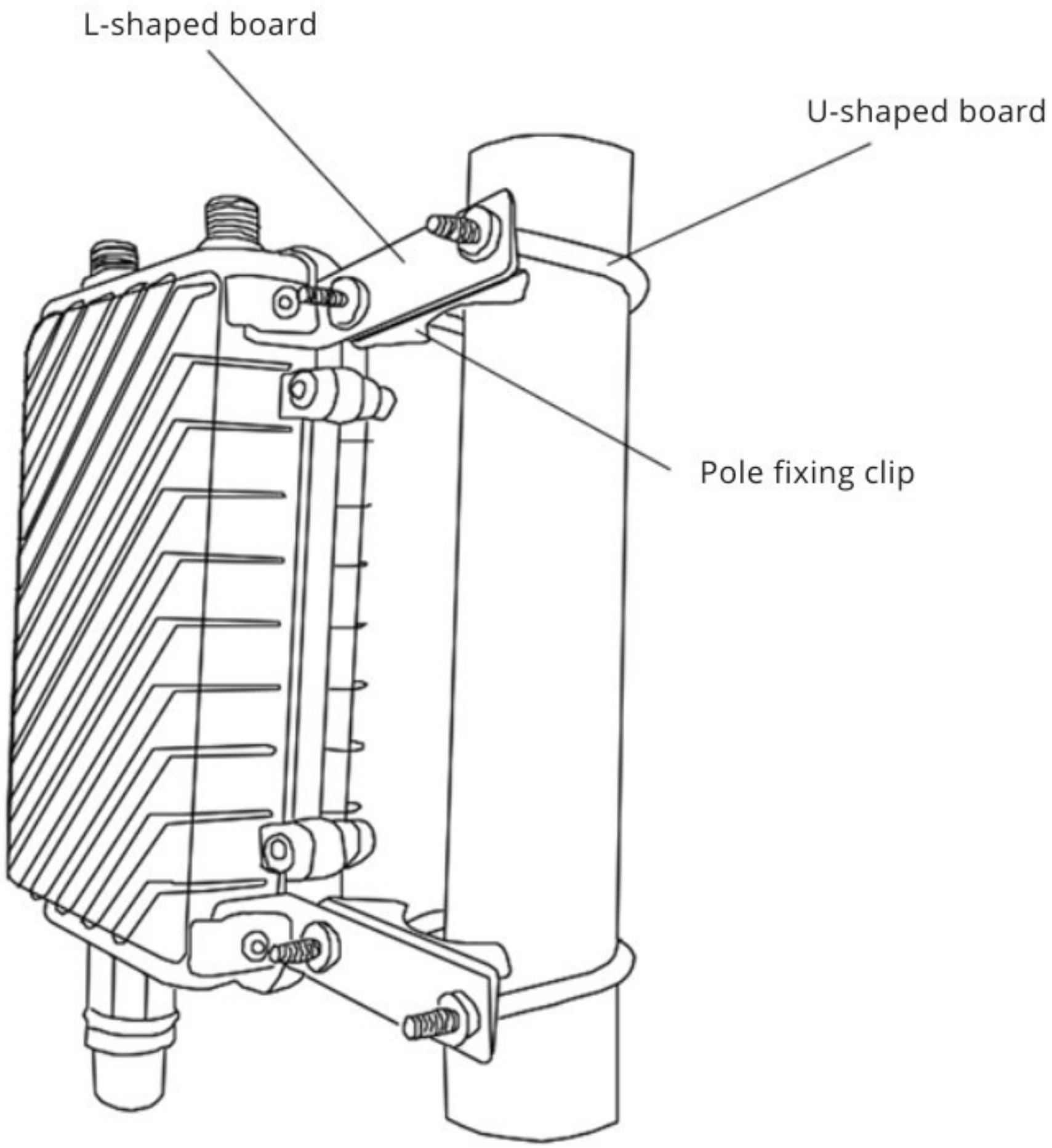
Name	Description
WAN/LAN （PoE）	Connecting the ports of a computer or upstream router Support 802.3AT/AF protocol standard PoE power supply Supports DC 48V/0.5A non-standard PoE power supply In Mesh Master mode, the port is a WAN port In other mode, the port is a WAN port
Pair Button/Reset	Pair Button:Short press for 2 seconds to start Mesh networking Reset:Long press for more than 5 seconds to restore the system to its default factory settings

4、EquipmentAssembly



5、EquipmentInstallation

5. PoleMounting



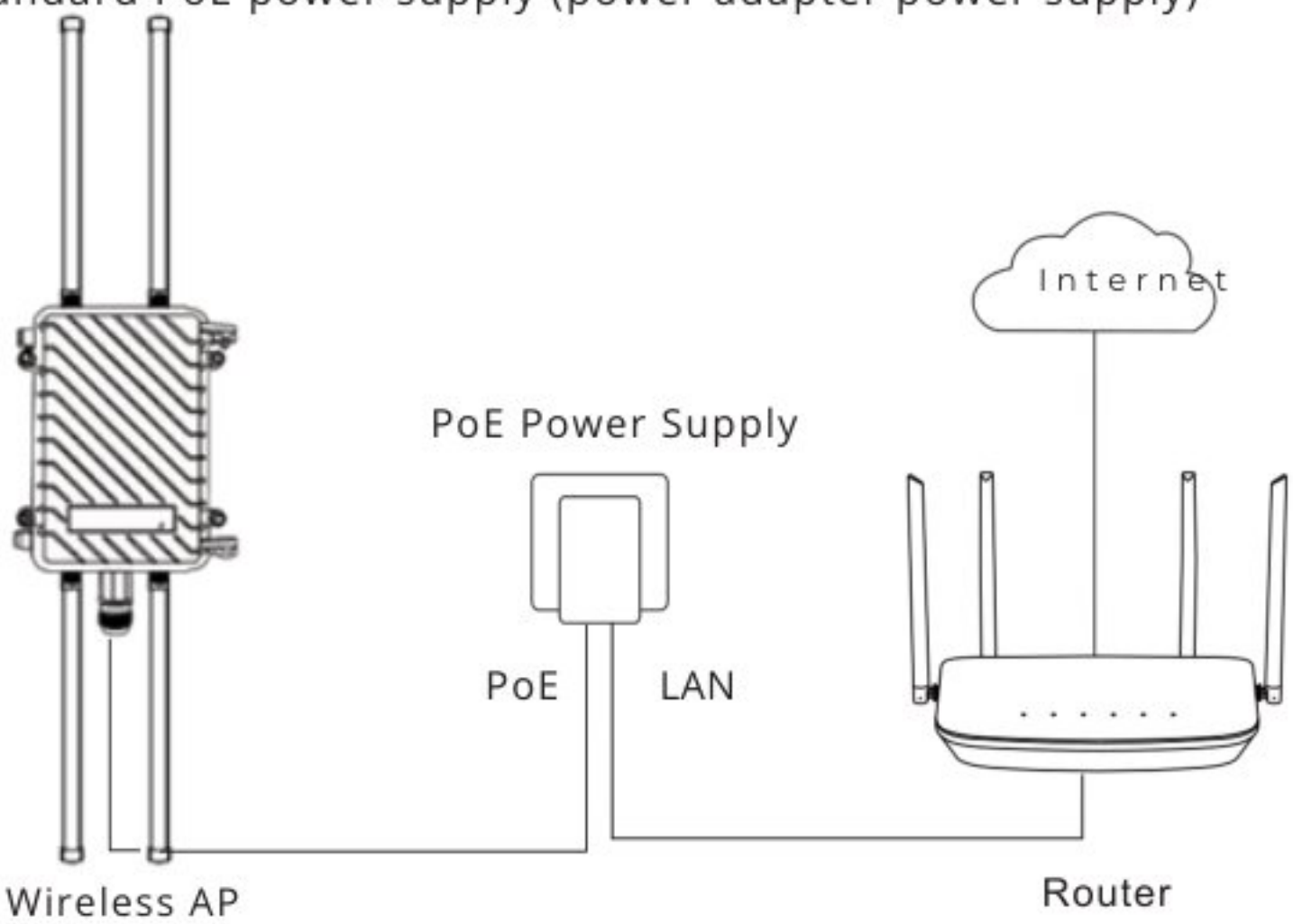
1. Fix theL-shapedplateonthehost,andthenstringthepole fixing clip and U-shaped plate into the L-shaped fixing plate to leave space for the pole.

2. ThreadtherodbetweentheU-shapedplateandtherodfixing clip, adjust the appropriateposition,andtighten thefixingscrew.

3. Finally,installtheantennaandpowerthedevice(connectone endof theEthernet cabletothedeviceandtheother endtothePOEport ofthe POEpowersupply to completethepowersupplytothe device).

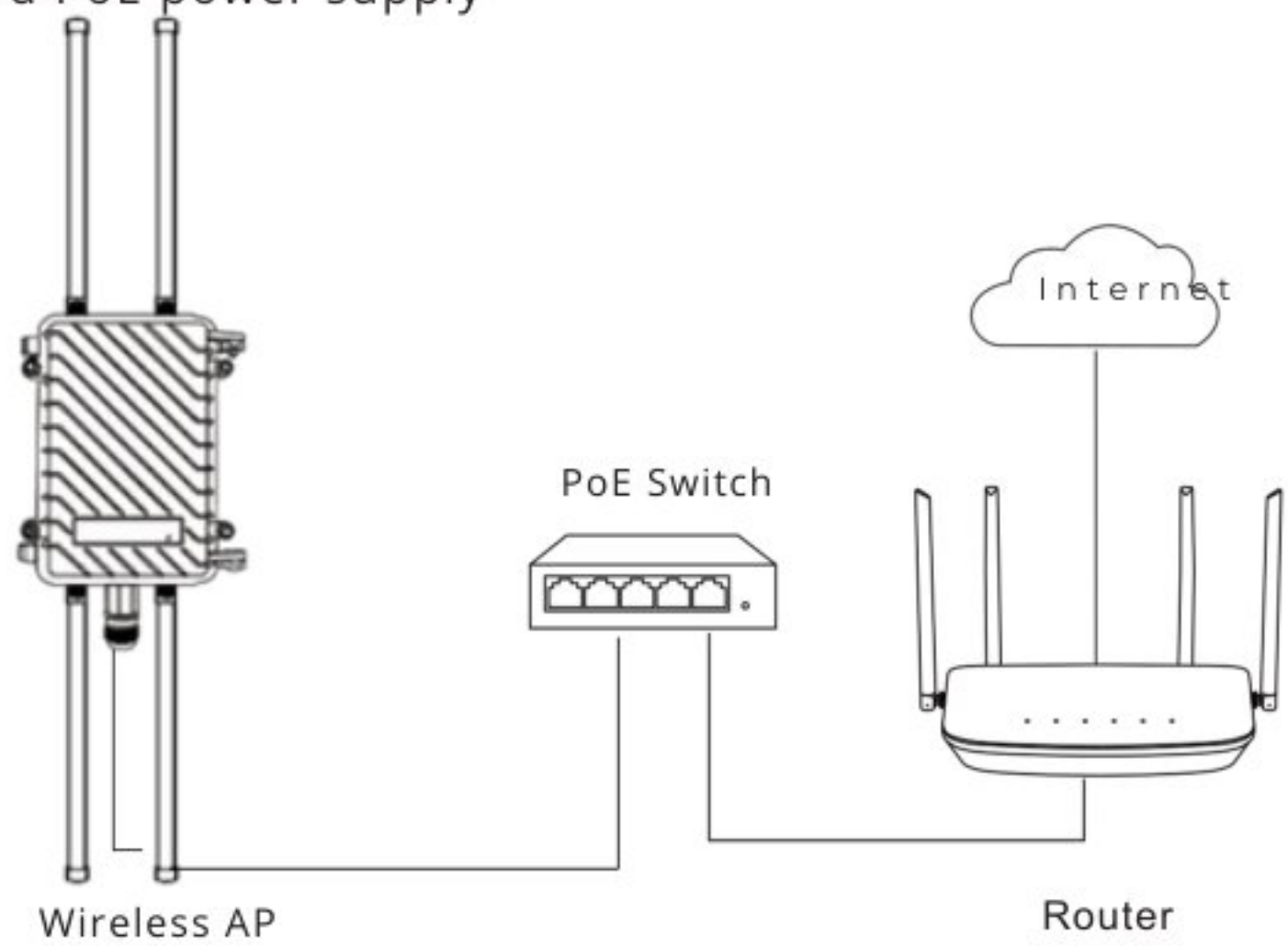
6、Equipment Connection

6.1. Non-standard PoE power supply (power adapter power supply)



1. Connect the WAN/LAN port of the device to the "PoE" port of the PoE power supply with a network cable;
2. Connectthe"LAN"portofthePoEpowersupplytothe"LAN"portofthesuperior router/ONT with a network cable;
3. Connect the PoE power supply to a power outlet to power the device.

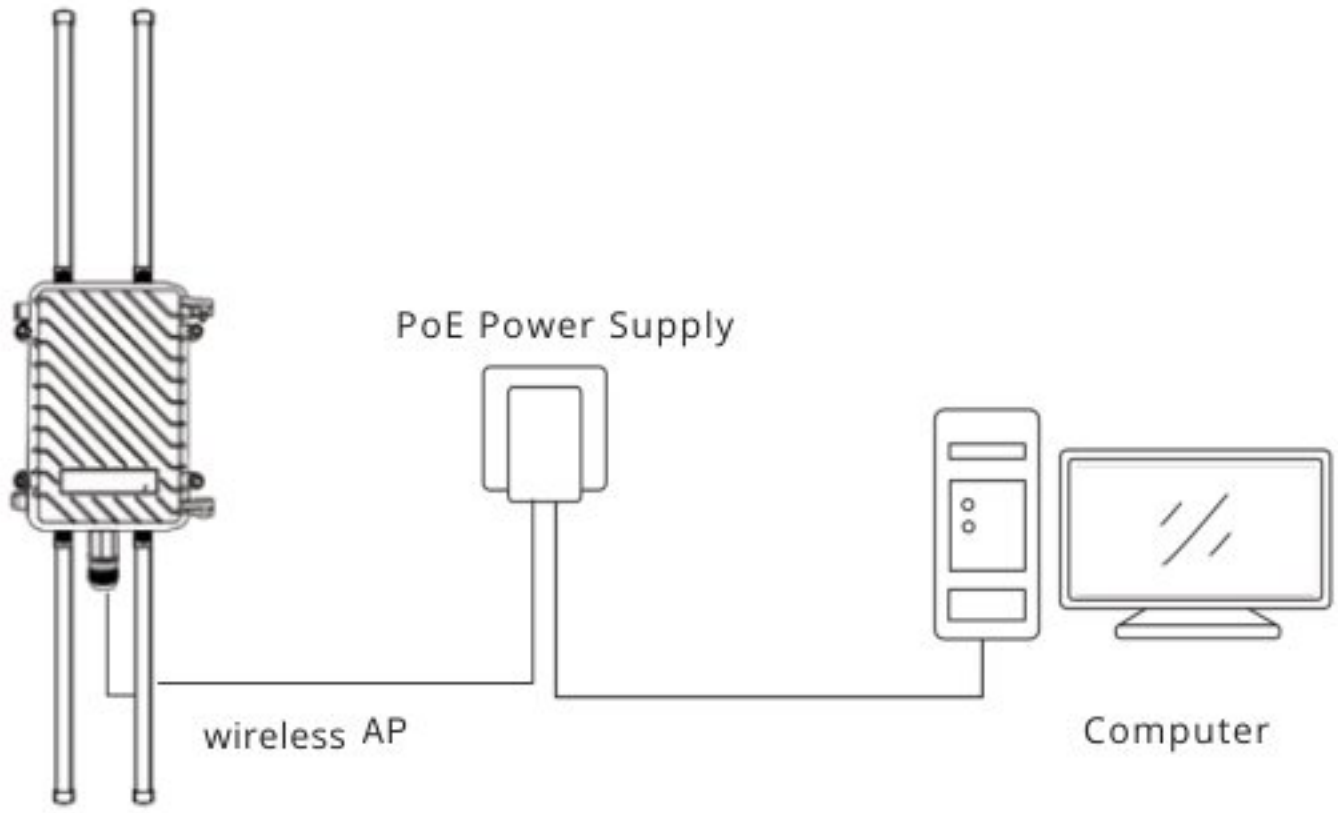
6.2. Standard PoE power supply



1. Connect the WAN/LAN port of the device to the power supply port on the PoE switch using a network cable;
2. Use a network cable to connect the PoE switch to the Internet.

7. Equipment Configuration

7.1. Wired Connections

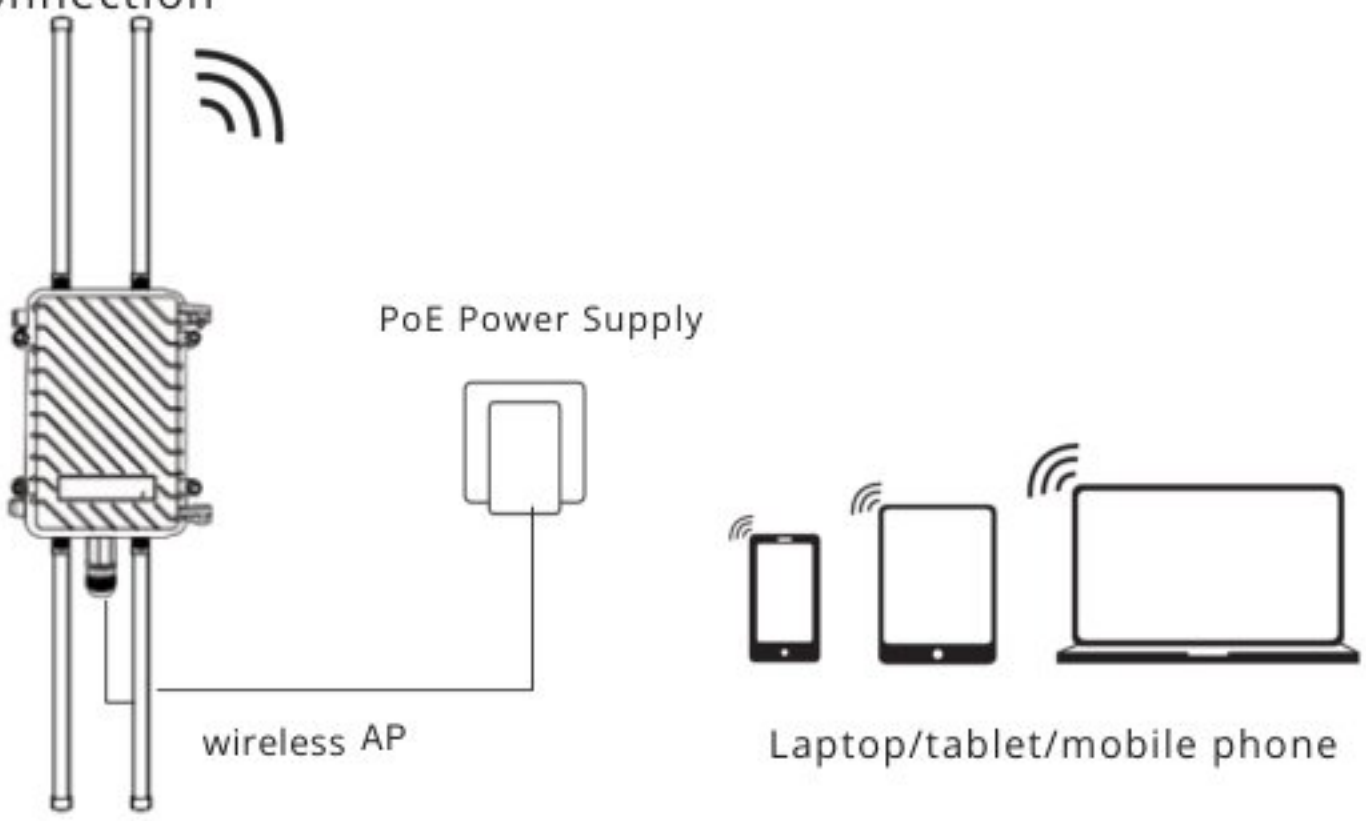


1. Connect the WAN/LAN port of the device to the "PoE" port of the PoE power supply with a network cable;
2. Connect the "LAN" port of the PoE power supply to the wired network port of the configuration computer with a network cable and start configuring the device.

Note: If you configure the device as routing mode, after the configuration is saved, the device's network port will become WAN port, and the computer will not be able to enter the device's management interface through the wired network, so you need to connect it wirelessly through the following ways.

If you are using the routing/AP function of this device, please complete the settings in sections 7.4.1, 7.4.4, and 7.4.5 before connecting the "LAN" of the PoE power supply to the LAN port of the higher-level router.

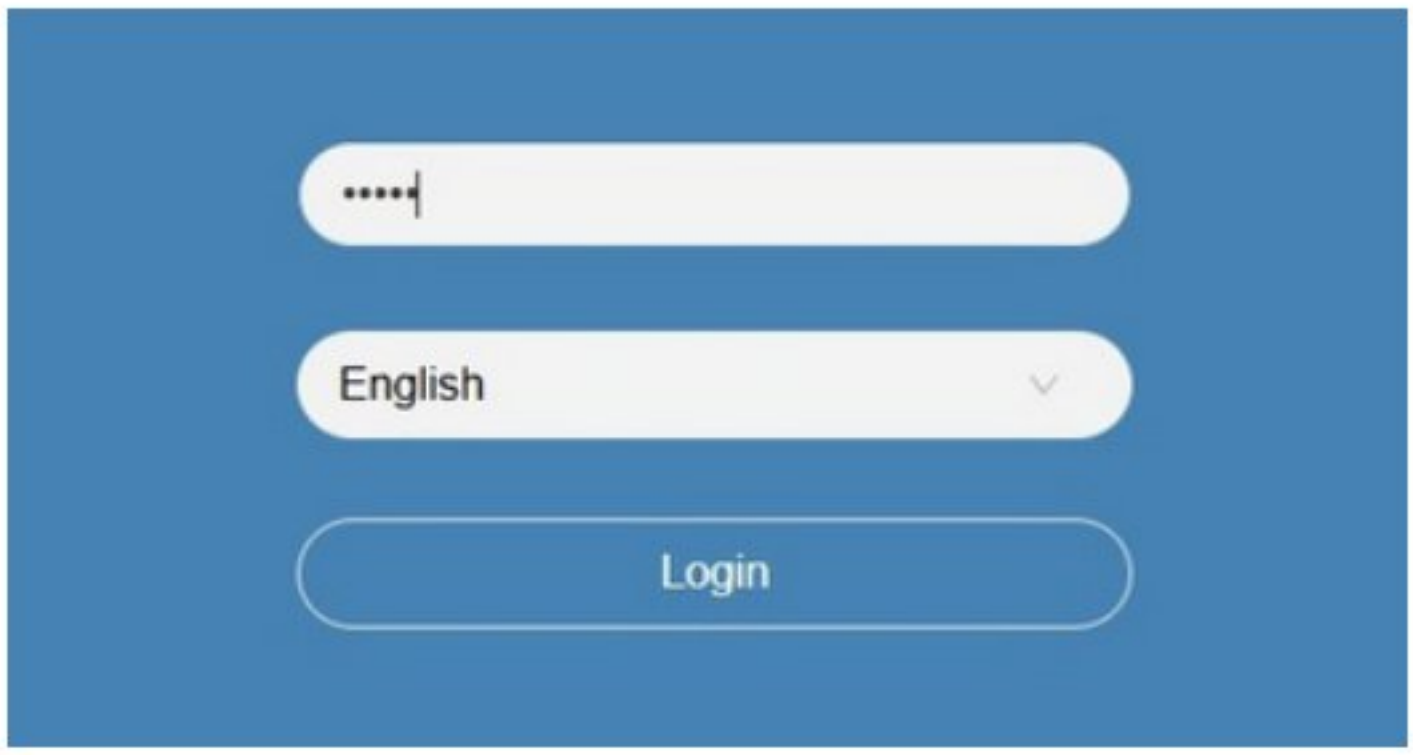
7.2. Wireless Connection



1. Use a network cable to power the device through the power adapter;
2. After the device starts up, use the wireless network of your laptop/tablet/mobile phone to search for the wireless network of this product and connect it, the default wireless network name is "WiFi-AX_XXXX" .

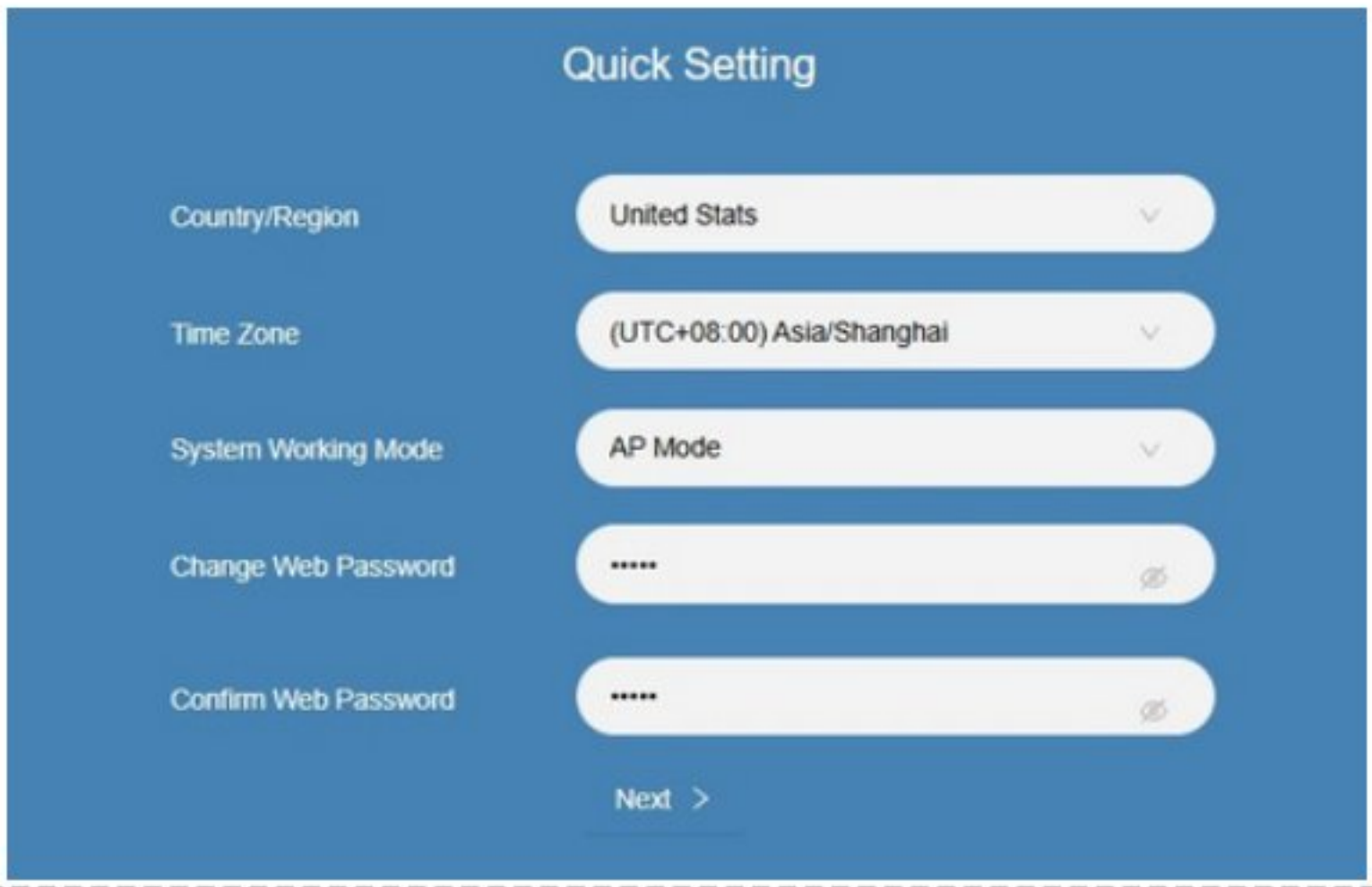
7.3. Device Login

1 Open the browser, enter the default IP address of the device "192.168.62.1" or “setup. wifi. net", and enter the default administrator password "admin".



Reminder:
When you first connect to the device's wireless network, a login interface will automatically pop up. You can also log in by entering "192.168.62.1" or "setup.wifI.net" in the browser address bar of your computer, laptop, or phone. The default password is "admin".

2 Enter "Quick Setting", select the Country/Region and Time zone where the device works, choose the system working mode, and change the Web password.

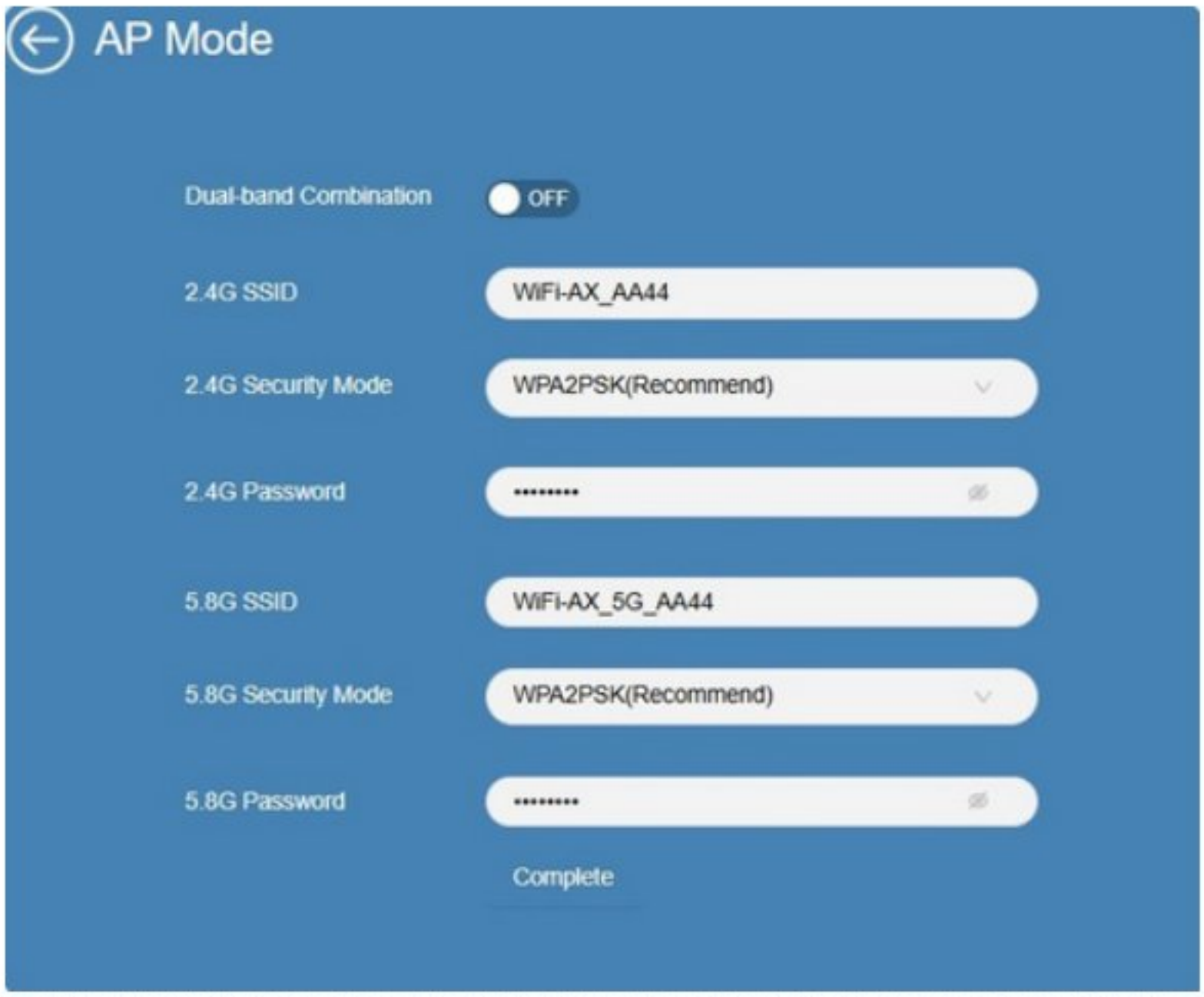


Reminder:
After logging into the settings interface, it is recommended to change the administrator password in "Quick Setting" and remember it. The new administrator password cannot be the same as "admin". When logging in again, please use the administrator password you set yourself, which is the password to enter the settings page, not the WIFI password.

7.4. ModeSelection

7.4.1、AP Mode

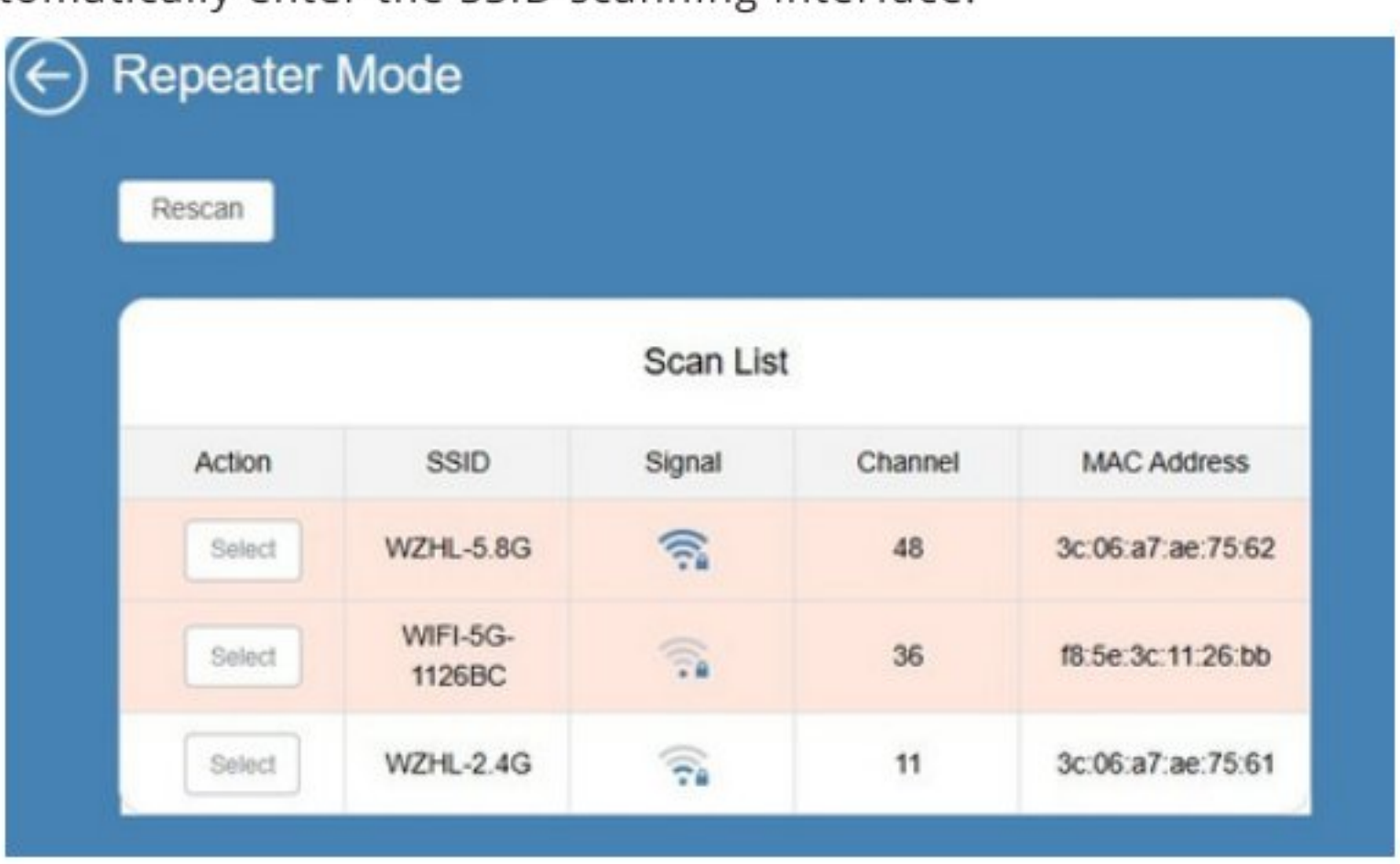
1. Select "AP Mode" in the “System Working Mode”, set the SSID, Security Mode, password, and then click "Complete”.



Reminder:
In AP Mode, The DHCP server automatically opens.

7.4.2、Repeater Mode

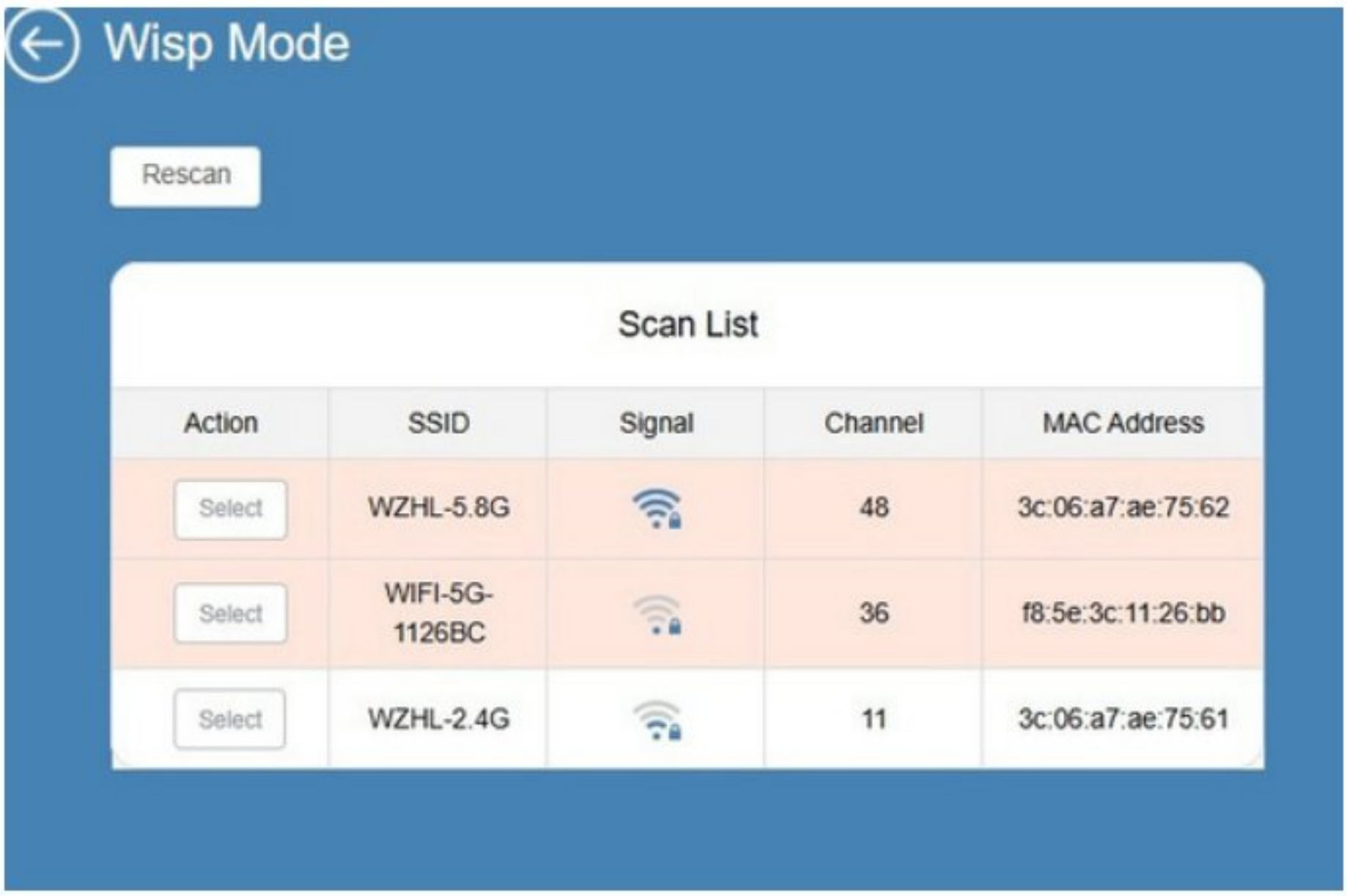
1. Afterselecting"RepeaterMode"inthe“SystemWorkingMode”,itwill automatically enter the SSID scanning interface.



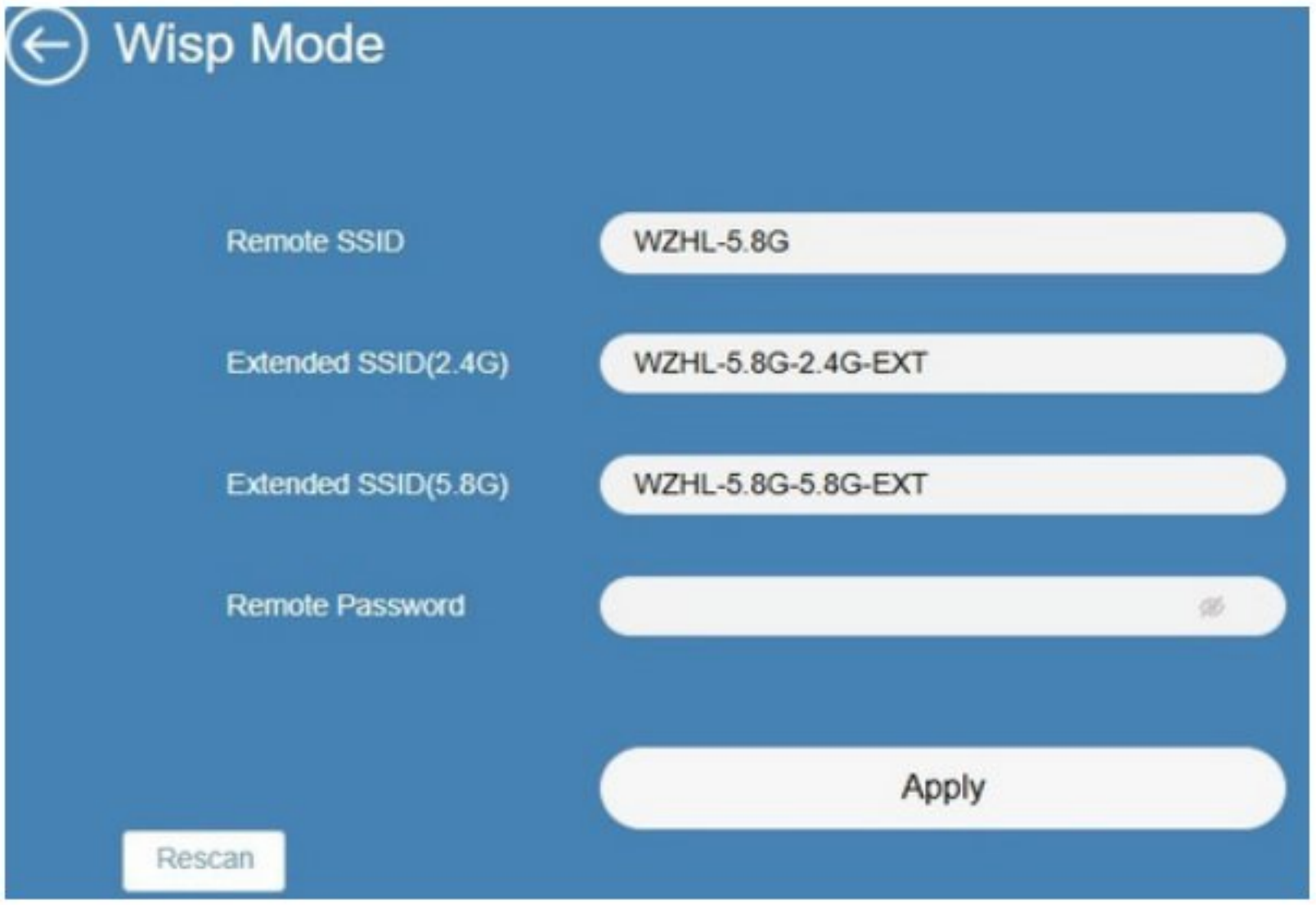
2 Select the SSID that needs to be connected, set the 2.4G and 5.8G extended SSID respectively, enter the remote password (the WIFI password corresponding to the SSID selected in the previous step), and click "Apply".

7.4.3、WispMode

1 After selecting "Wsip Mode" in the “System Working Mode”, it will automatically enter the SSID scanning interface.



2 Select the SSID that needs to be connected, set the 2.4G and 5.8G extended SSID respectively, enter the remote password (the WIFI password corresponding to the SSID selected in the previous step), and click "Apply".



7.4.4、Mesh Master AP Mode

1 Select "Mesh Master AP Mode" in the “System Working Mode”, set the SSID, Security Mode, password, and then click "Complete”.

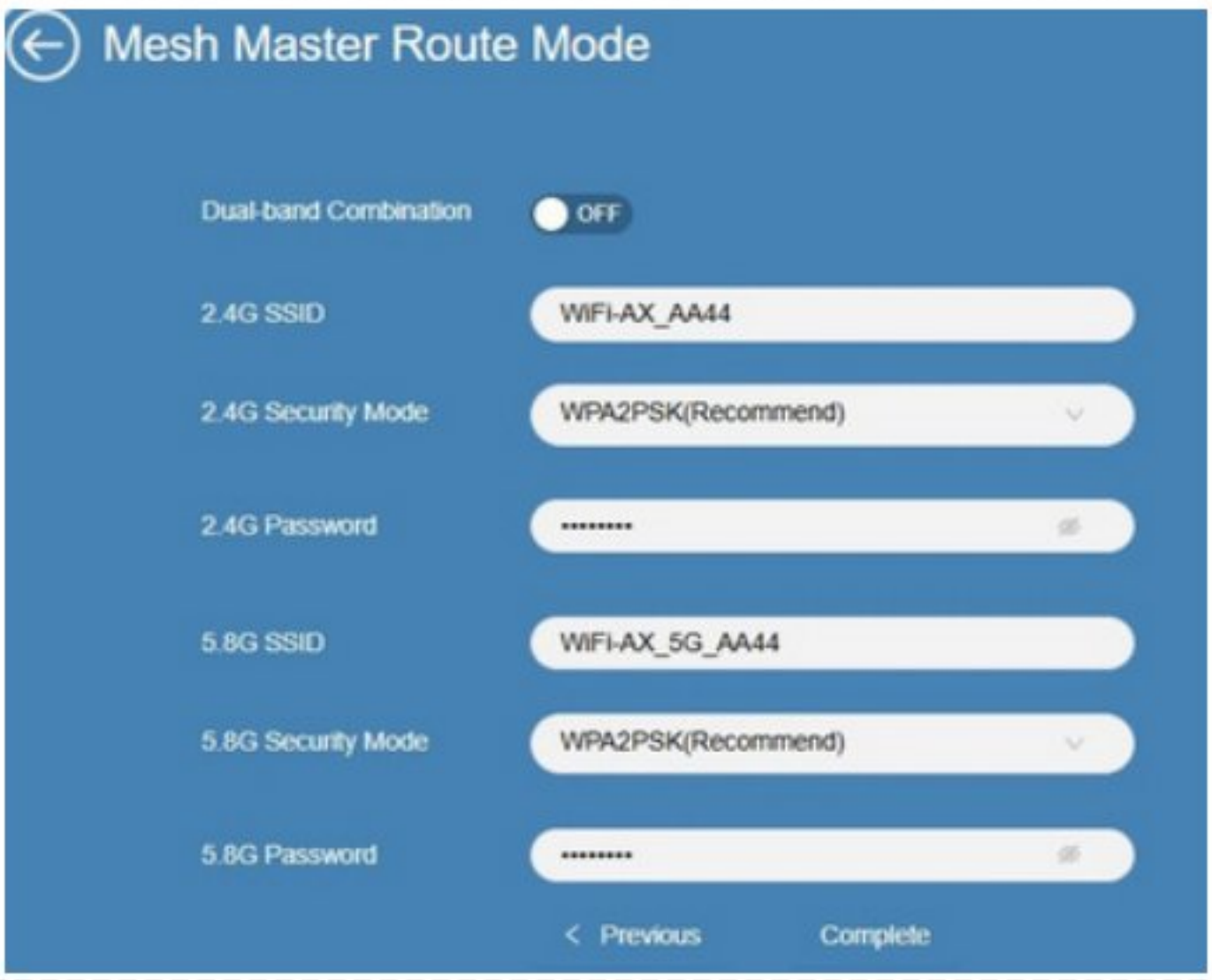
Reminder:
In Mesh Master AP Mode, The DHCP server automatically opens.

7.4.5、Mesh Master Route Mode

1. Select “Mesh Master Route Mode" in the “System Working Mode”
2. Before configuring, please ensure that your upstream router is connected to the WAN/LAN port of this device and select the correct internet access method.

Reminder:
If your existing network is broadband dial-up, please select "PPPOE" and enter your existing broadband account and password.
If your existing network is connected to the internet through Ethernet cables, please select "DHCP";
If you are accessing the internet through a designated IP address, please select "STATIC".

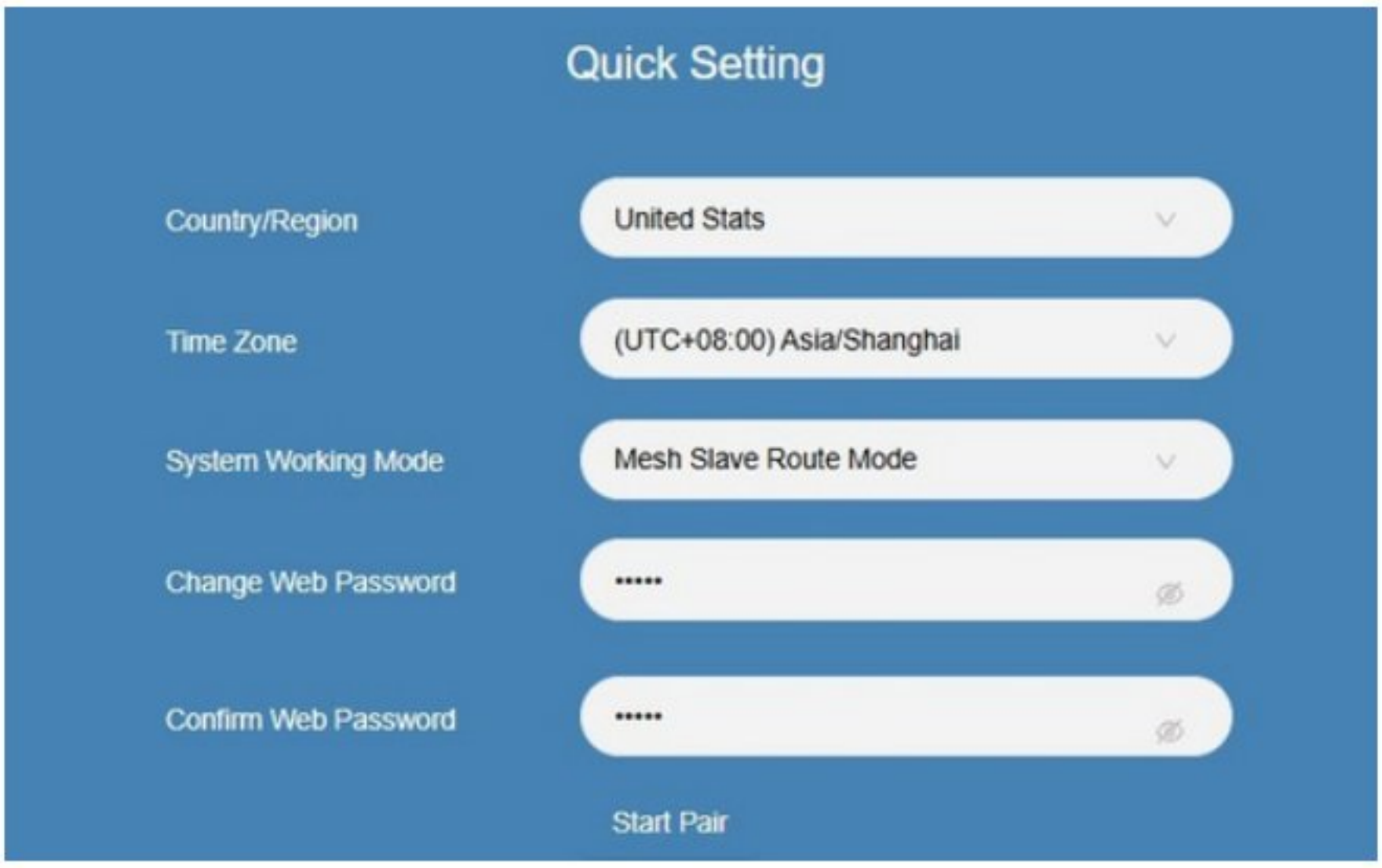
3. Set the SSID, Security Mode, password, and then click "Complete”.



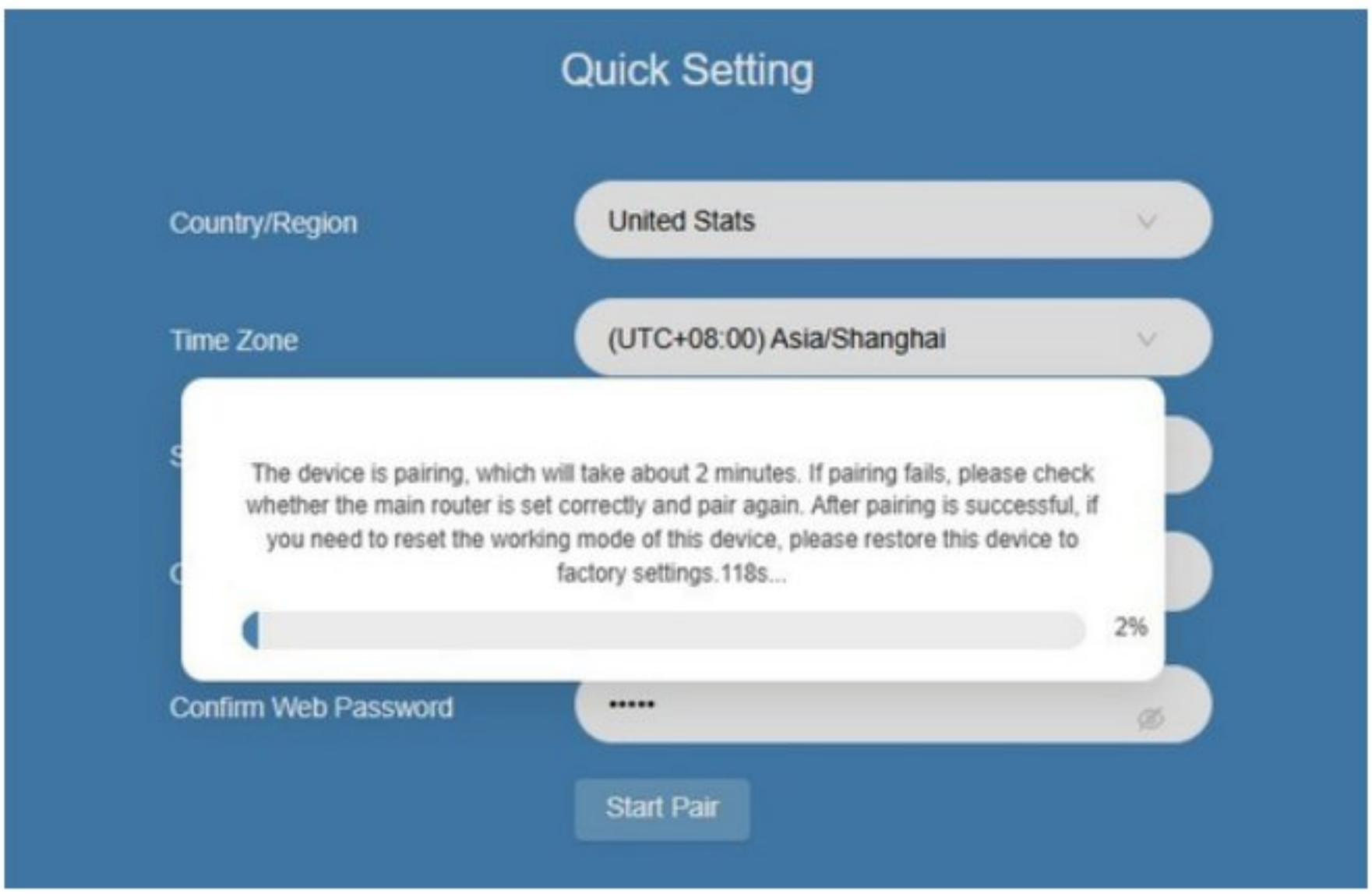
Reminder:
In Mesh Master Route Mode, The DHCP server automatically opens.

7.4.6、Mesh Slave Route Mode

1. In the "Quick Setting" section, select the country/region and time zone where the device works, choose the “Mesh Slave Route Mode" for the system working mode, change the web password, and click "Start Pair" to start Mesh networking.



2. After clicking "Start Pair", the device enters Mesh networking pairing.



3 Afterthedeviceenterspairingmode,pleasecontinuetopressthepairbuttononthe Mesh Master Route for 2 seconds, or add the Mesh device on the Mesh Master Route configuration interface. The pairing time is expected to be 2 minutes.

Reminder:
If pairing fails, please check if the mesh master router is set correctly, and then use the pair button to re pair or re-enter this device page for pairing.If you want to switch to another mode after successfully configuring mesh slave route mode, please restore this device to its factory default settingsand reset it.

7.4.7、Mesh Configuration Guide

How to Mesh Network Multiple Devices? How to add a new Mesh device?

1 Setoneofthemultipledevicesto"MeshMasterRouteMode"andensurethatthe mesh master router can access the internet normally, while keeping the other mesh slave router devices in their factory default state.

2 IfyouneedtoaddmoreMeshdevicestoestablishastablenetwork,simplypairthe new Mesh devices with the existing network mesh master router. The mesh master router can connect up to 6 mesh slave router devices to create a Mesh network, and it is recommended to connect up to 4 mesh slave router for a more stable and reliable network.

Configuration method 1 : Pair on the webpage

1 Set a device to MESH Master router mode:

1. Power on the Master device;
2. Login system: 192.168.62.1, password: admin;
3. Enter the quick settings interface: set the country/region, MESH Master router mode, and administrator password;
4. Start pairing, connect the master device to the Internet after pairing, and confirm that you can dial in to the Internet;

2 Set devices to MESH Slave router mode:

1. Power on the Slave device;
2. Login system: 192.168.62.1, password: admin;
3. Enter the quick settings interface: set the country/region, MESH Slave router mode, and administrator password;
4. Start pairing, and at the same time briefly press the Reset key of the MEHS master router device for 2 seconds (the master device must be connected to the Internet and in normal online status), waiting for the configuration to succeed;

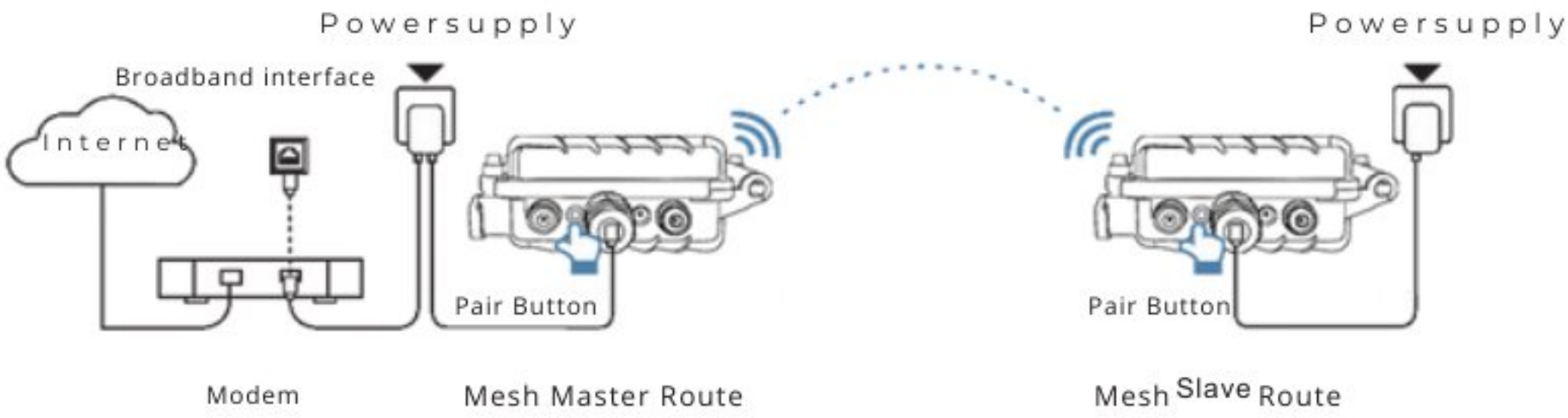
Reminder:
What should I do if I cannot scan the Mesh Slave Router that need to be added?
1. Please check if the mesh master router can access the internet normally.
2. Please place the mesh slave router to be added near the mesh master router.
3. If the mesh slave router has already been set and used, please restore the device to its factory default settings.
4. Please determine whether the mesh slave router has been successfully started and the Mesh network has been successfully established based on the LED status.
5. Please rescan。

Configuration method 2: Pair button pairing

1 Setoneofthemultipledevicesto"MeshMasterRouteMode"andensurethatthe meshmasterroutercanaccesstheinternetnormally,whiletheothermeshslave router devices to be added are in the factory default state.

2 Simultaneouslypressandholdthepairbuttononboththemeshmasterrouter and another mesh slave router for 2 seconds. When the LED light turns green and Solid on, the Mesh networking is successful.

3 If you need to add multiple mesh slave router, repeat the above steps.



8. Frequently Asked Questions

Q1: Why does the login management page not appear after entering ‘setup.wifi.net'?

- Pleaseconfirmifthedevicestartsupnormally。
- If your computer is connected through a network cable, please confirm if the connection is stable and if the local connection is set to "auto get".
- If your computer is connected wirelessly, please confirm that you are connected to the device's wireless network.
- UsethedefaultIPaddress"192.168.62.1"tologintothemanagementpage.Ifthe device is already connected to the network of the higher-level router through wired or wireless means, please go to the DHCP client list of the higher-level router to obtain the current IP address of the device, or access it through the domain name.
- If the above steps still cannot solve the problem, please restore the device to factory settings and try again.

Q2: How to restore the device to factory settings?

- Afterthedeviceispoweredonandstarted,pressandholdtheresetbuttononthe device until the green indicator light on the device goes out, then release it and wait for the device to restart to restore the factory settings.

Q3: What should I do if the LED light does not turn on continuously after setting up?

- You may have entered the wrong WiFi password during the configuration process. Please log in to the device's management page, check if the WiFi password is correct, and try again.
- Check whether the device is connected to the Internet or whether the front-end device is connected to the Internet.
- Checkifthesettingsarecorrect.Iftheissuepersists,pleaseresetthedeviceto factory settings and try again.

Q4: What is the reason for slow Mesh pairing process or Mesh network disconnection without reconnection?

- Check if the working channel of the current Mesh Master Router is a radar channel. If it works on a radar channel, it may be interfered with. It is recommended to turn off the DFS function or choose a regular channel.
- Check whether the Mesh Master Router can access the Internet normally.