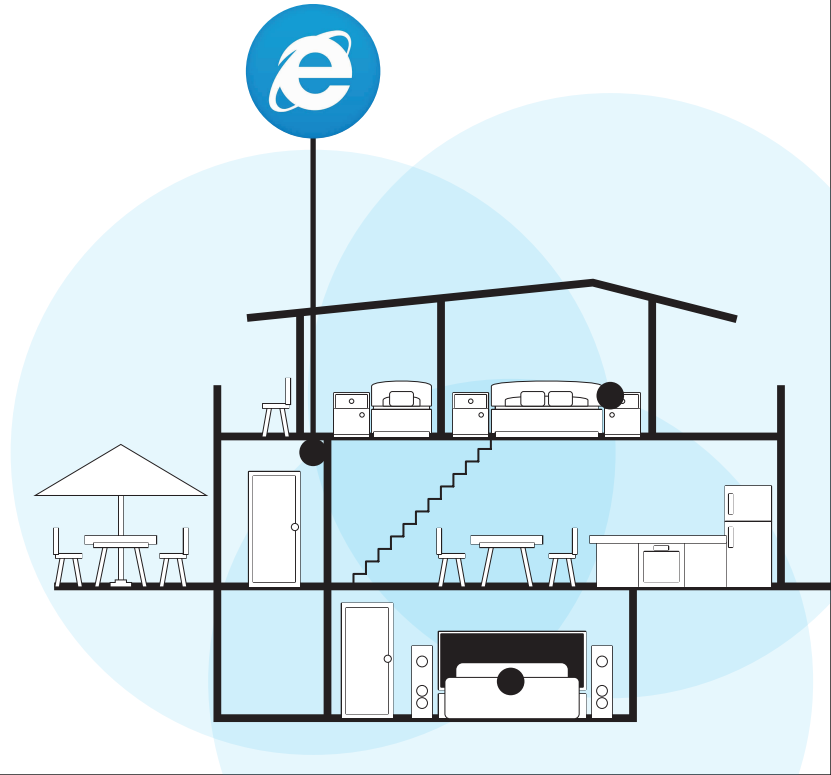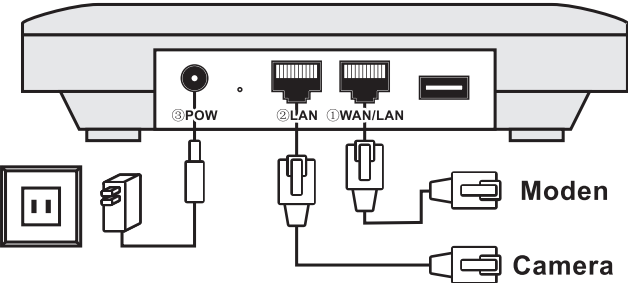# Wireless Relay Router–Quick Installation Guide
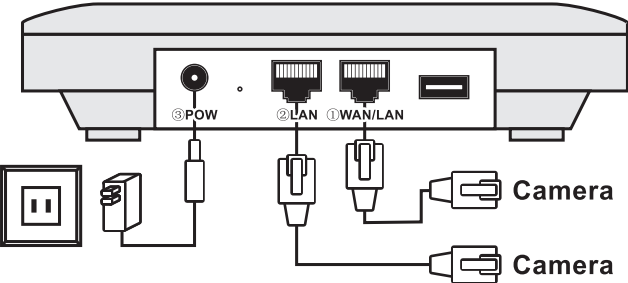
Internet configuration used by wireless router
1.Hardware connection
Please connect the router as shown

Main Router

③POW ②LAN ①WAN/LAN

Moden

Camera

Sub-Router

③POW ②LAN ①WAN/LAN

Camera

Camera

After the router is powered on and wait for 2 minutes, the system starts successfully, and the power light and WiFi light are always on.

POWER interface:
Connect the matching power adapter
WAN port:
connect to Modem, broadband interface or superior router.
LAN port:
connect to wired connection devices such as computers and cameras.
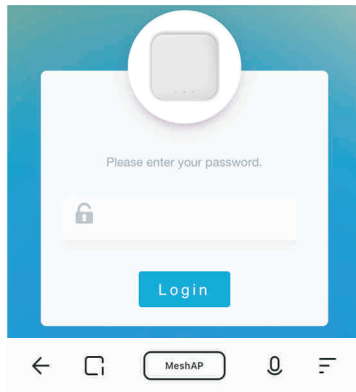
Interface diagram

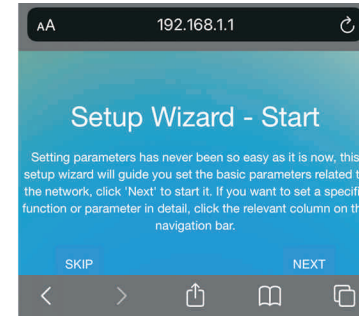| Interface	Purpose/Function
POWER	Connect the matching power adapter
WAN/LAN	As a WAN port, it can be connected to Modem for PPPOE dial-up, broadband interface or superior router; As a LAN port, it can connect to wired devices such as computers, TV boxes and cameras.
RESET	Pairing button for MESH connection;Used to restore the router to factory settings

2.Set up the router

Use the computer to set the router and the mobile phone to set the same steps.

1) Connect the LAN port of the router with a computer or connect the wireless signal of the router with a mobile phone.
(The wireless name can be found on the sticker on the bottom of the router.)

2) After the connection is successful, please open the browser (Chrome or EDGE is recommended), enter 192.168.1.1 in the address bar, log in to the management interface, and log in password: admin

3)Enter the configuration wizard.

4) Configuration wizard-network configuration, set the connection mode of the external network WAN port, select PPPoE according to the operator's broadband, dynamically obtain the address, and select the Internet type by static IP address.

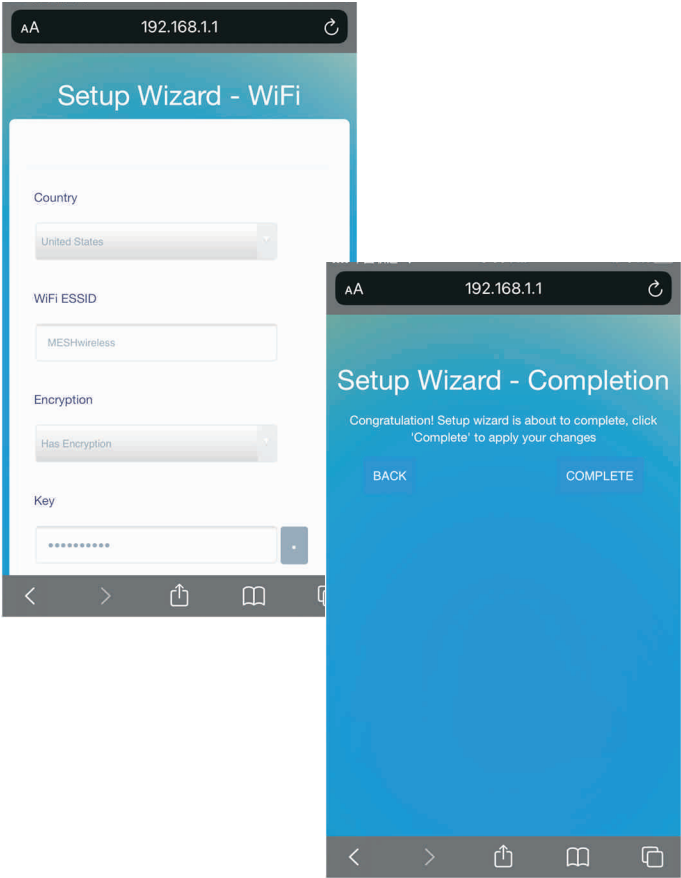5) Set the wireless SSID name and password, click Next to complete the configuration wizard.

After setting up, please check the system indicator status:

Status	Description
Power light	At work, always on
Network port light	The flashing of the network port means that the device is successfully connected.If the network port is not bright, it means there is no network port connected to the device.
WiFi light	There is a wireless device connected, the light flashes. No wireless device connection, the light is always on.

MESH network matching methods
1)Connect the MESH main router to the Internet. For the configuration steps, please refer to "Internet configuration used by wireless router". This router is used as the main route in the WIFI network, and other MESH routers are used as sub-routes.

2)Add Edge AP: Pairing and Add Sub-router
Note: Please make sure that the sub-router is in the factory setting state.

If the sub-router has been configured and used, please restore the factory setting first (see the FAQ for how to restore the factory setting).

Place the sub-route next to the main route, and the two routes are powered on. After the route is started successfully, please click the "Find new router" in "Add Edge AP" of main route, the power indicator of the route flashes and enters the search pairing.
When the WIFI light of sub-router flashes, the pairing is complete, or check the added sub-route in "Add Edge AP" of main route.

If you can't search and add sub-routes through wireless, you can connect the main route and the LAN ports of the sub-routes with network cable. Click "Search for new devices" to add sub-routes in the main route.

3)Place the paired MESH router at the location where the signal needs to be expanded, and then connect it to the power supply.
Turn on the power, when the WIFI indicator flashes, it means that the connection is successful, and you can build the MESH network

Note:
Choose the location of the router reasonably to avoid a long distance between the two routers or excessive wall obstructions. If the WIFI light of the sub-router is always on, please adjust the position of the sub-router.
Users can log in to the WEB page of the main router, and adjust the position of the sub-route reasonably, according to the connection status of the sub-route in "Device"-"Network Topology".

4)To add more sub-routes, you can follow the steps of "Extend Wireless interconnection" to expand WIFI.

5) Check system indicator status
 As sub-router

Working Status	Description
Power light flashes	Pairing
Network ports light flashes	Connecting the network port
WIFI light flashes	Connecting to main router

Frequently Asked Questions

The router management interface cannot be opened(192.168.1.1)

If login by wired connection

Please ensure the PC which is " obtain IP address automatically" and " obtain DNS server address automatically ".

Please ensure the PC which connect the LAN port of router, and the signal light of router and PC network port is on.

Using chrome, EDGE and Mozilla Firefox browser to login.

If login by wireless connection.

Please ensure the online devices have been connected the wireless network of router, and IP address is 192.168.1.*.

Please try to turn off and reopen the browser, clear browser cache or switch defferent browser

Please try to replace another online devices, If it is a wired device,try to replace the network cable.

Repower the router

If the problem cannot be resolved after the above operation, please try to restore the router to factory Settings.

How to restore factory Settings

Power to router, when the router starts successfully, long press the RES key of router for 15 seconds, and then the power light of router flashing, it means the router enters the factory state.

After finished the router setting, how to do if I cannot surf online?

Please ensure the router conncection is correct as on "hardware connection".

Please ensure the router conncection is correct as on "hardware connection".

Judge the way to access the Internet as follows:

- PPPoP Broadband Dial Online: Fill in broadband dial account and password.
- Dynamic Obtain Address: Suitable for optical modem has dialed Internet type or superior route has DHCP service.
- Static IP Address: Suitable for dedicated broadband type or superior routing no DHCP service, need to fill in the IP address, subnet mask, gateway and DNS server.

Whether the MESH routers can be connected through the network cable

After the router is paired, the LAN port of the router can be connected through the network cable, supporting mixed mode of wired and wireless.

FCC Statement

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

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

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.

This equipment should be installed and operated with minimum distance 20cm between

the radiator& your body.