

FX21-BE36 User Manual

REV1.0.1

Product : BE3600 Router
Model(s) No. : FX21-BE36

Sep 2025

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1.1 Login Preparation

When logging in for the first time, it is necessary to confirm the following points:

1. The router has been powered on and started normally, and the LAN port or WIFI is connected to the terminal device.
2. The terminal device has installed at least one mainstream browser, such as Microsoft Edge, Firefox, Chrome, and Safari.
3. The default management IP of the router is 192.168.0.1, and the IP address automatically obtained by the terminal device is 192.168.0.X (X is any integer between 2 and 254), with a subnet mask of 255.255.255.0.

1.2 Login Steps

1. Open the browser and enter the default management address of the switch in the address bar `http://192.168.0.1` Log in to the web management interface of the switch.



2. The router login page is shown in the following figure. On this page, enter the user password for the router management account. The default password information can be obtained from the label on the back of the device.

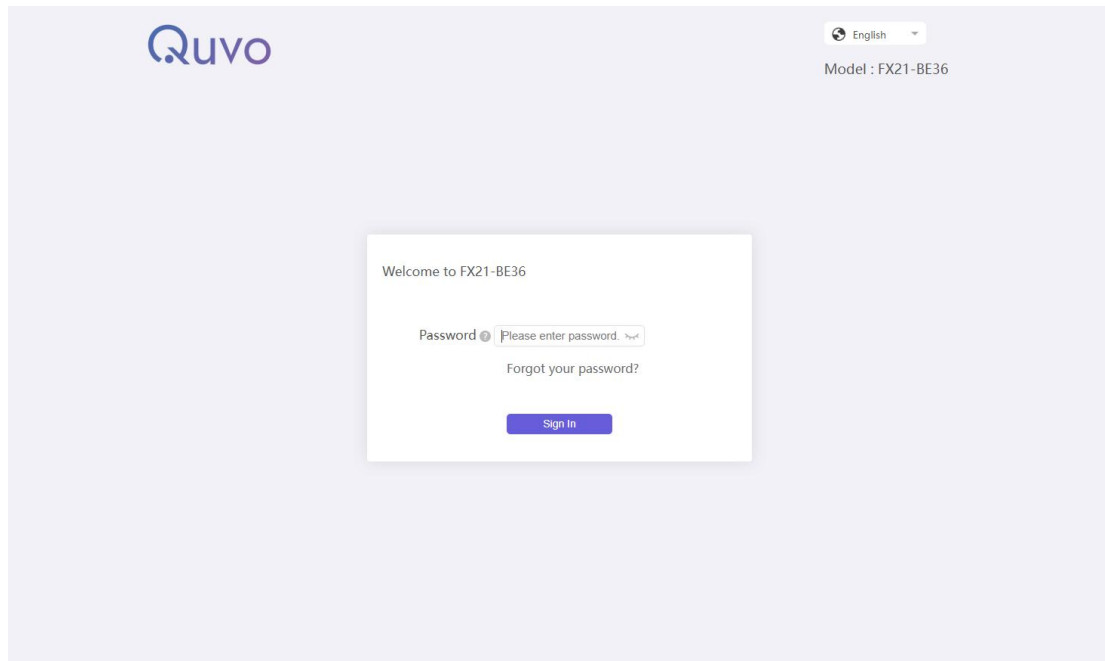


Figure 1-1 Login Page

3. If you forget your login password, press and hold the reset button on the back of the router for 5 seconds to reset it, and then proceed with the configuration in the previous step.

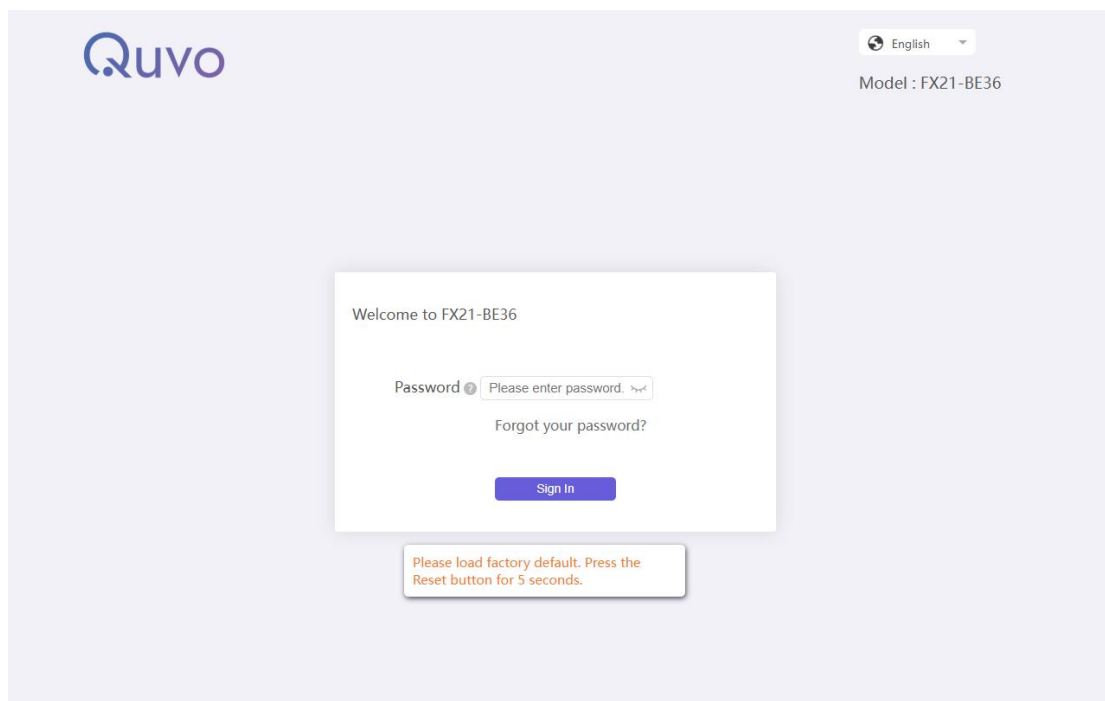


Figure 1-2 Forgot Password

1.3 Configuration Wizard

1. The first login will automatically redirect to the wizard configuration page.



Figure 1-3 wizard page

2. After selecting the internet access method, click Next to enter the wireless configuration page.

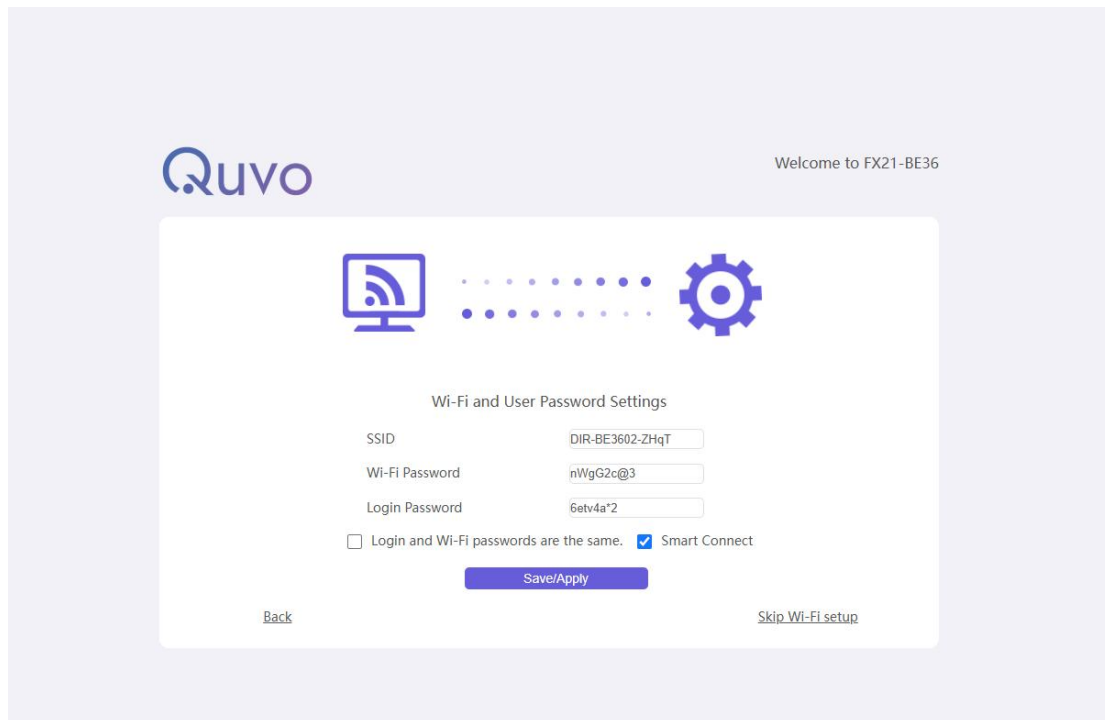


Figure 1-4 Wireless configuration on the wizard page

3. After configuring the wireless basic information, click save to take effect and enter the configuration status page.

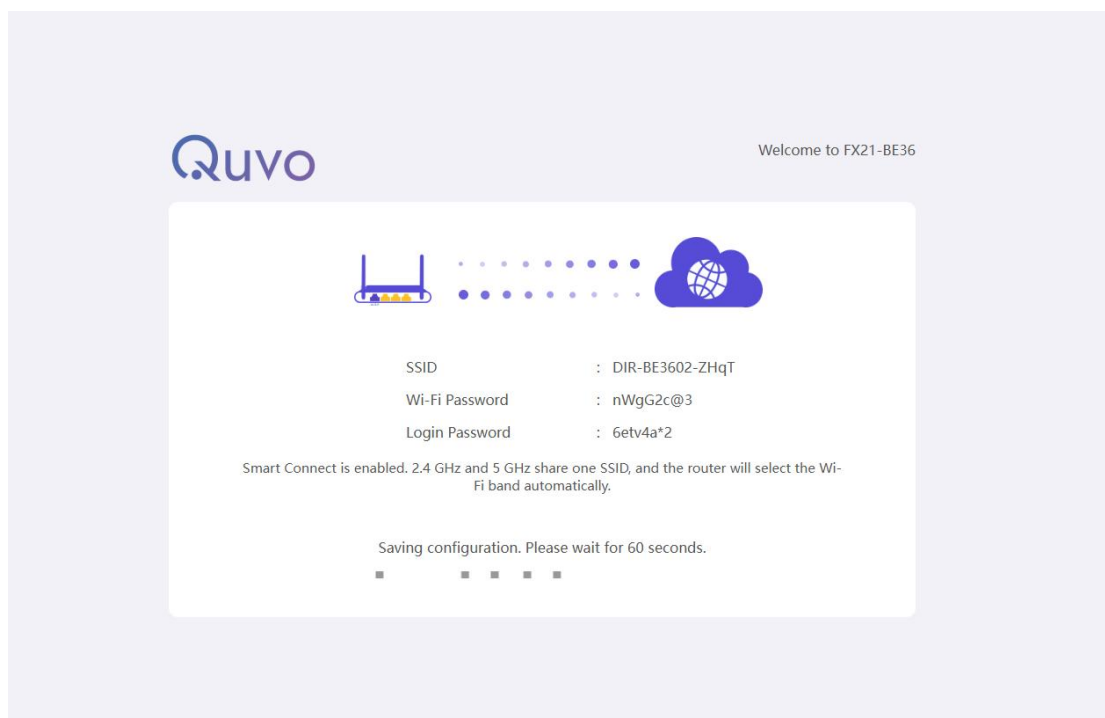


Figure 1-5 Wizard page configuration status

4. After the countdown for configuration is over, click on "Device Management" to enter the router's web interface homepage.

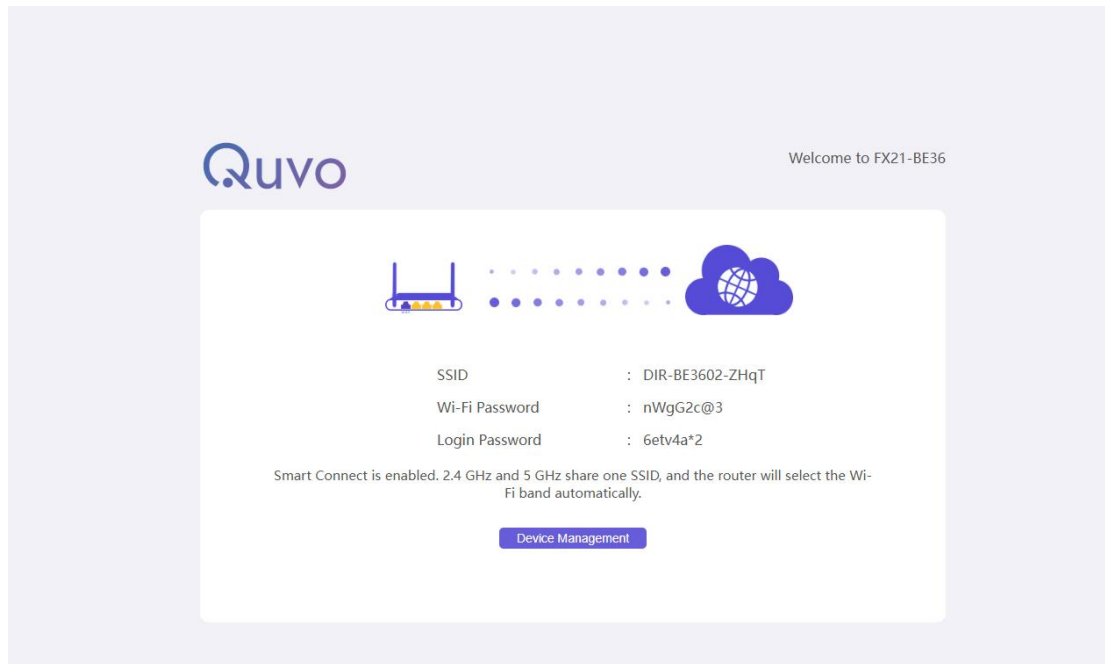


Figure 1-6 Wizard page configuration completed

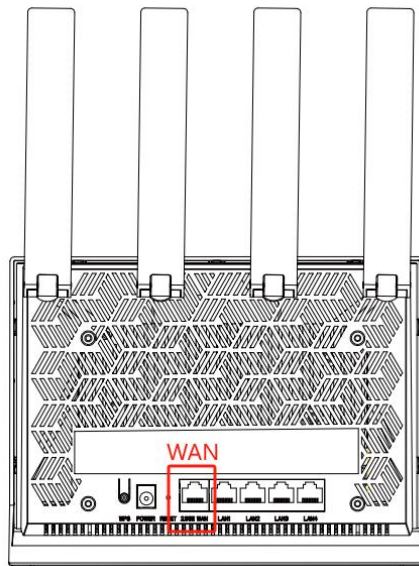


Figure 1-7 Router Home Page

Internet Access Configuration 2

2.1 Preparation before configuration

1. Connect the external network cable to the WAN port of the router.



2.2 Routing Mode-DHCP

1. The current method is the default internet access method and configuration method of the router, as shown in the following figure. Click "Save/Apply" to save and take effect.

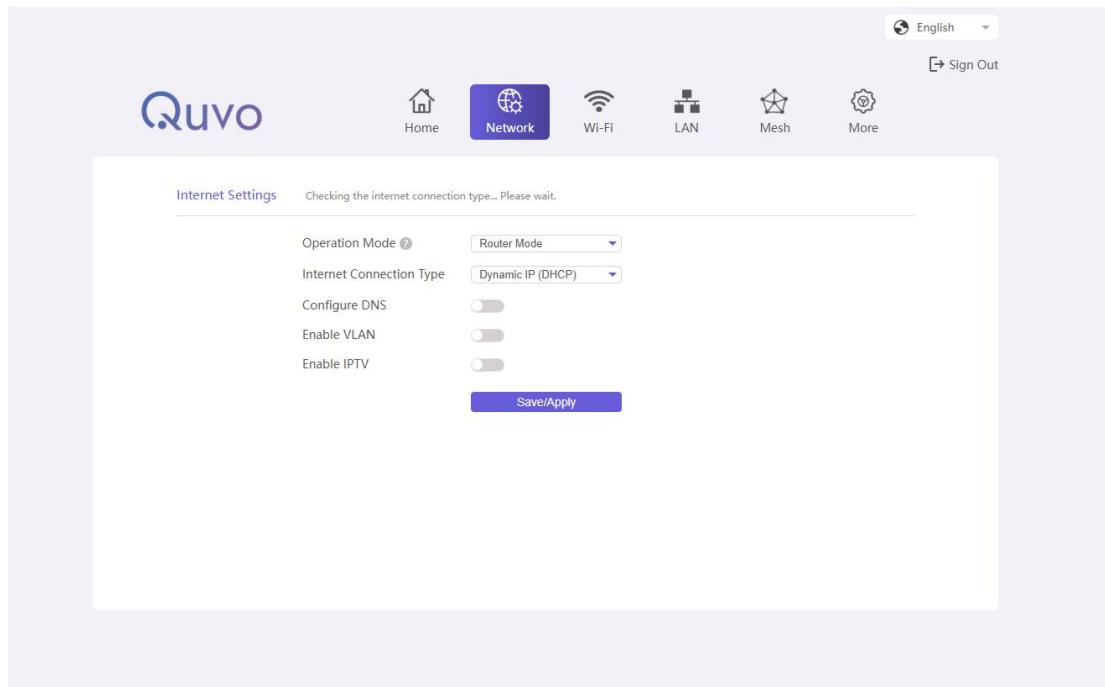


Figure 2-1 Routing Mode- DHCP

2. If you need to configure custom DNS, click "Configure DNS" to configure it.

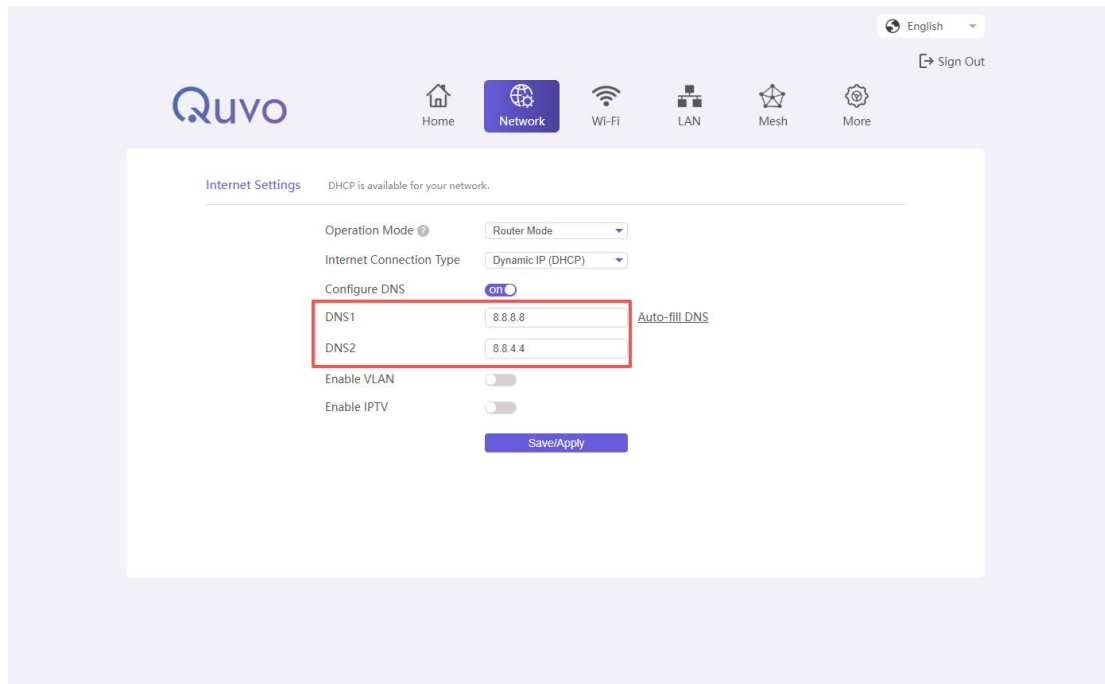


Figure 2-2 DNS Configuration

2.3 Routing Mode-PPPOE

1. Select "Router Mode" for Mode Select, "PPPoE Mode" for Internet Type, and fill in your username and password information. Click "Save/Apply" to save and activate.

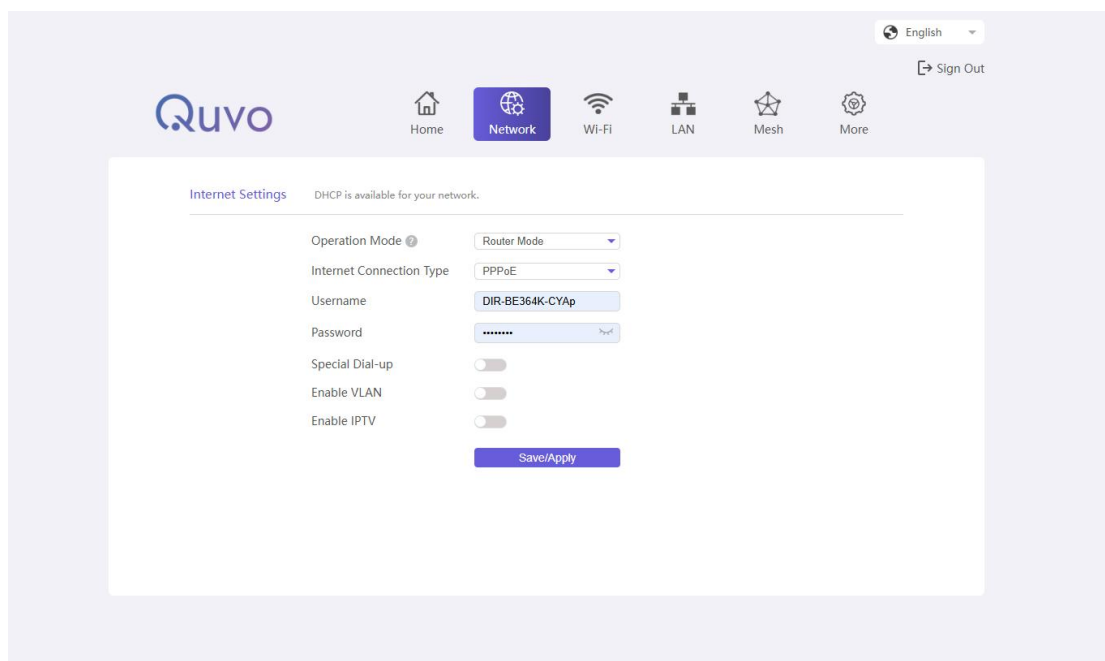
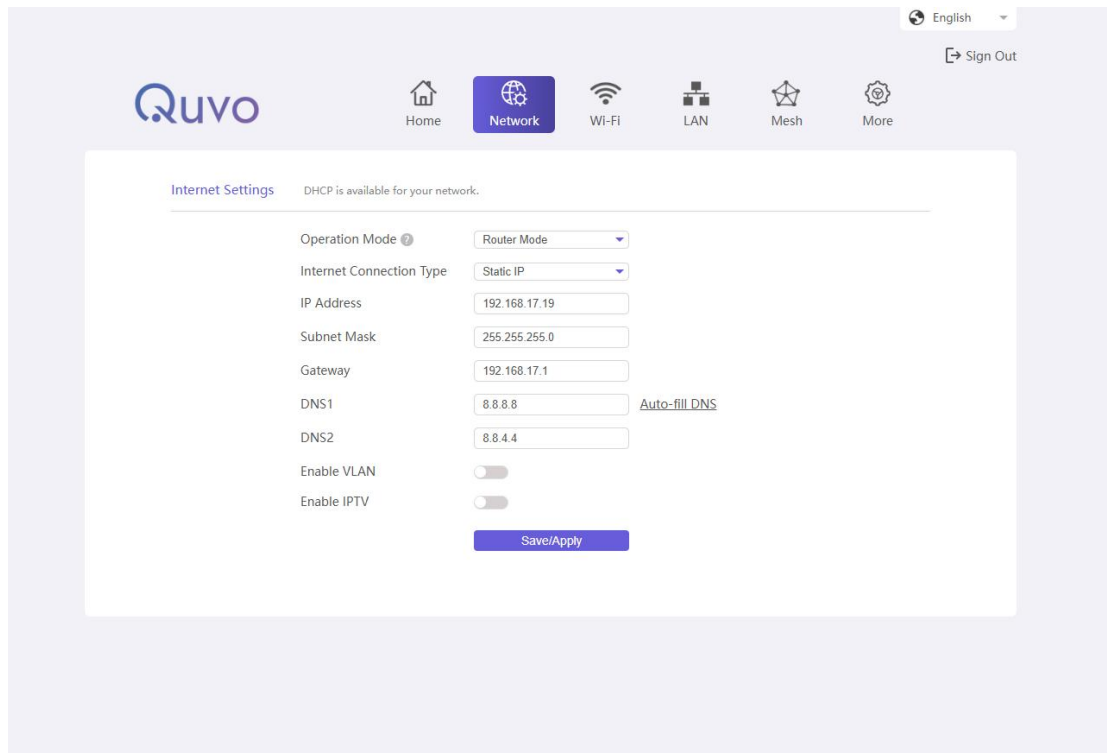


Figure 2-3 Routing Mode-PPPoE

2.4 Routing Mode-Static IP

1. Before configuring static IP in routing mode, confirm the IP and subnet mask information of the upstream gateway device. Then, based on the information obtained, fill in the following webpage and click "Save/Apply" to save and make it effective.



The screenshot shows the Quvo Network Settings interface. At the top, there's a navigation bar with icons for Home, Network (selected), Wi-Fi, LAN, Mesh, and More. The main content area is titled "Internet Settings" and includes a note: "DHCP is available for your network." Below this, there are several configuration options:

- Operation Mode: Router Mode (selected)
- Internet Connection Type: Static IP (selected)
- IP Address: 192.168.17.19
- Subnet Mask: 255.255.255.0
- Gateway: 192.168.17.1
- DNS1: 8.8.8.8 (with an "Auto-fill DNS" link)
- DNS2: 8.8.4.4
- Enable VLAN: Off (toggle)
- Enable IPTV: Off (toggle)

A "Save/Apply" button is located at the bottom of the configuration section.

Figure 2-4 Routing Mode - Static IP

Note: In static IP mode, DNS needs to be configured. You can customize DNS information or use recommended DNS.

2.5 AP Mode

1. In bridge mode, the router is equivalent to a bridge, and the terminal device under it obtains the IP address of the upper level gateway through the current router and accepts the management of the upper level gateway.

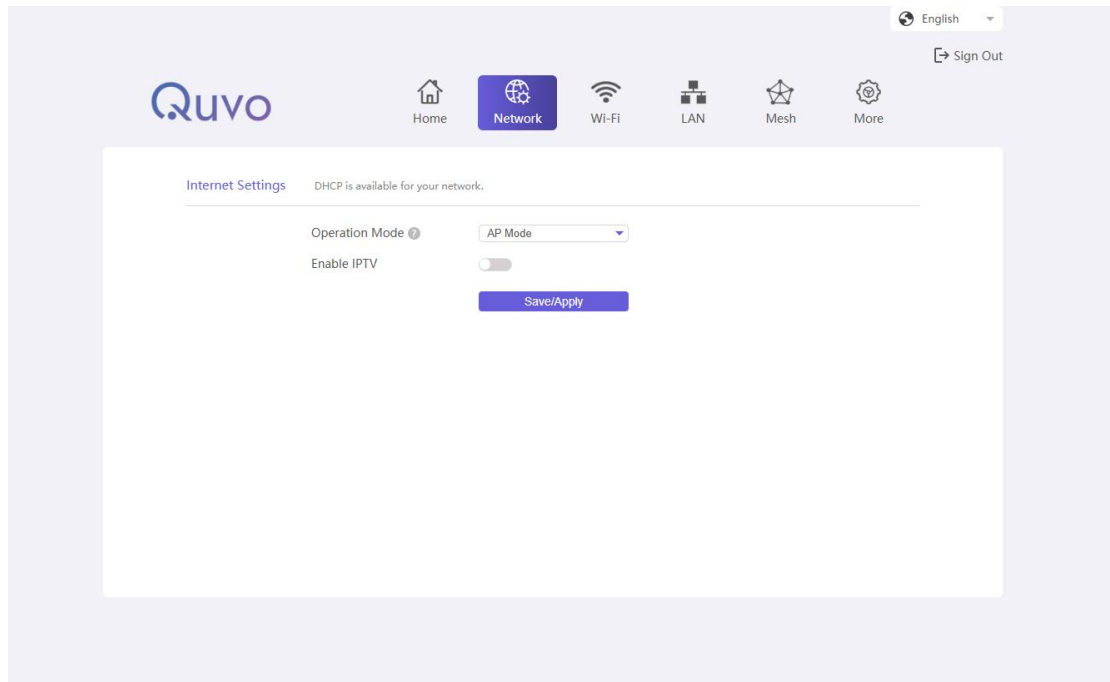


Figure 2-5 AP Mode

2.6 Repeater Mode

1. Select "Repeater Mode" and click "Save/Apply" to save and make it effective.

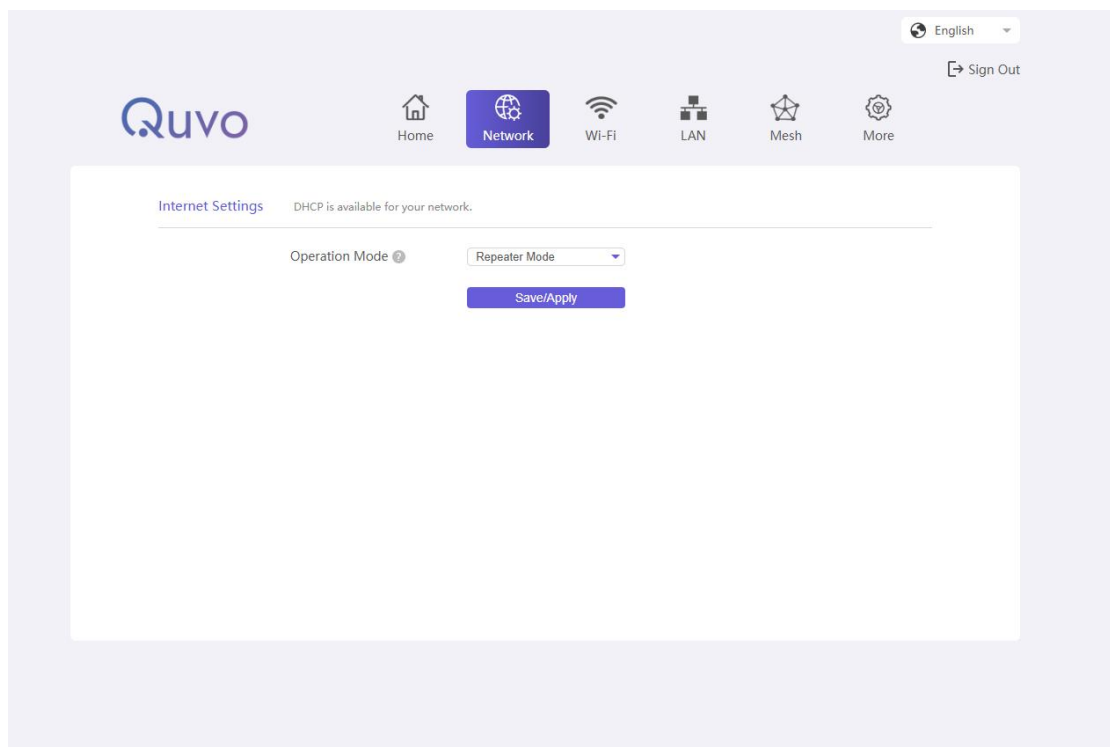


Figure 2-6 Repeater Mode

2. After successful configuration of repeater mode, it defaults to wired repeater. If you need to configure wireless repeater, click "Repeater" to enter the wireless relay configuration page.

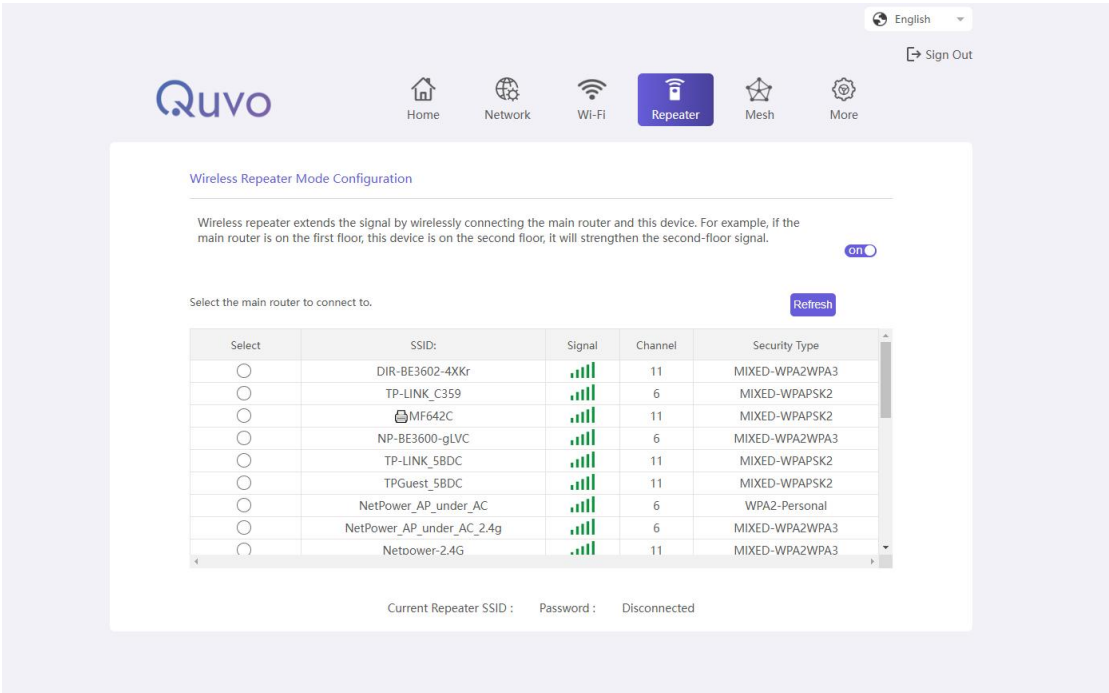


Figure 2-6 Wireless Repeater

3. Click on the wireless SSID you want to connect to and enter the known wireless password.

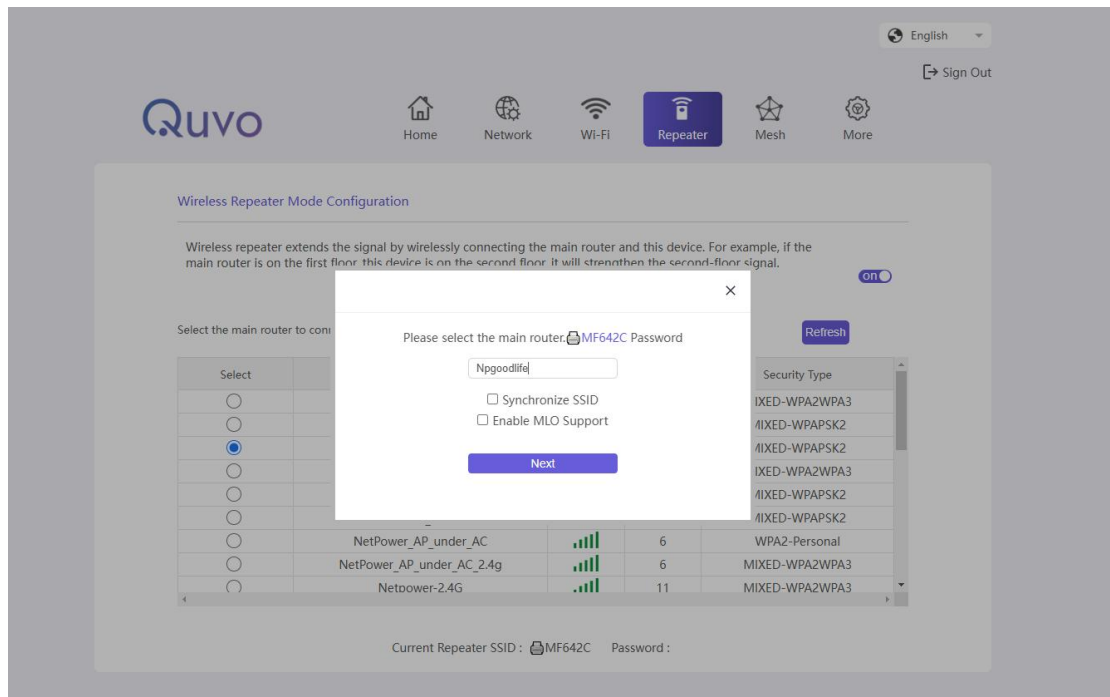


Figure 2-7 Wireless Repeater Connection

- Click 'Next' and wait for the connection to succeed.

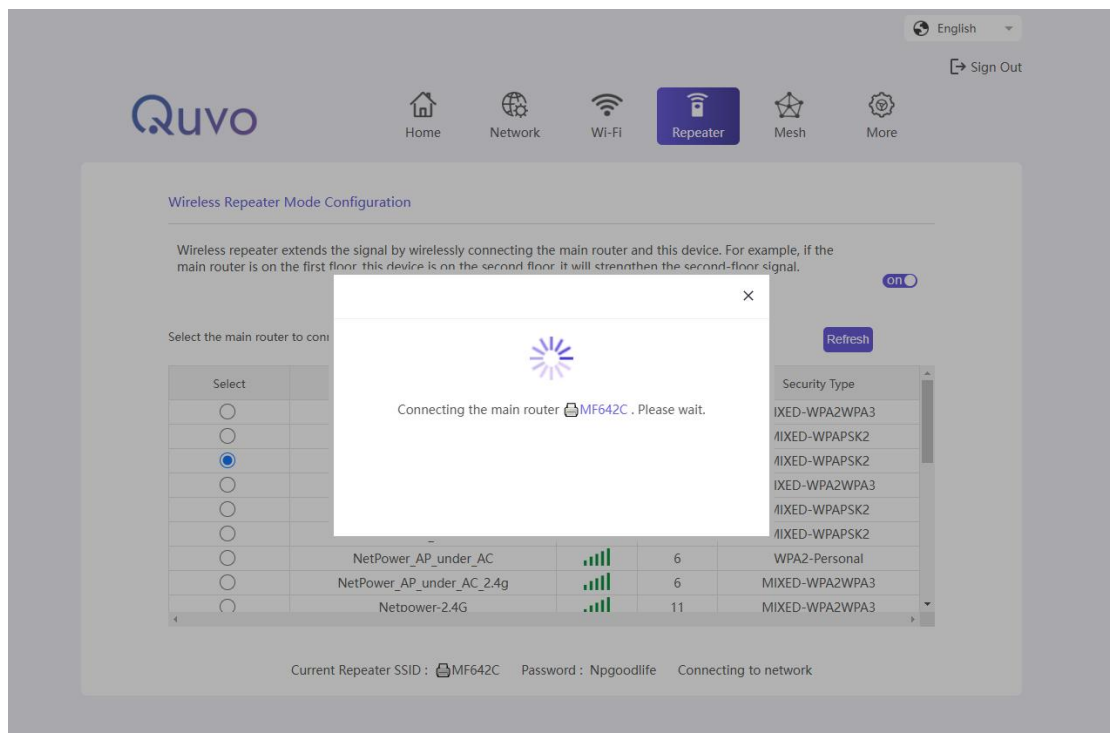


Figure 2-8 Waiting for Wireless Connection

- Wireless repeater, connection successful.

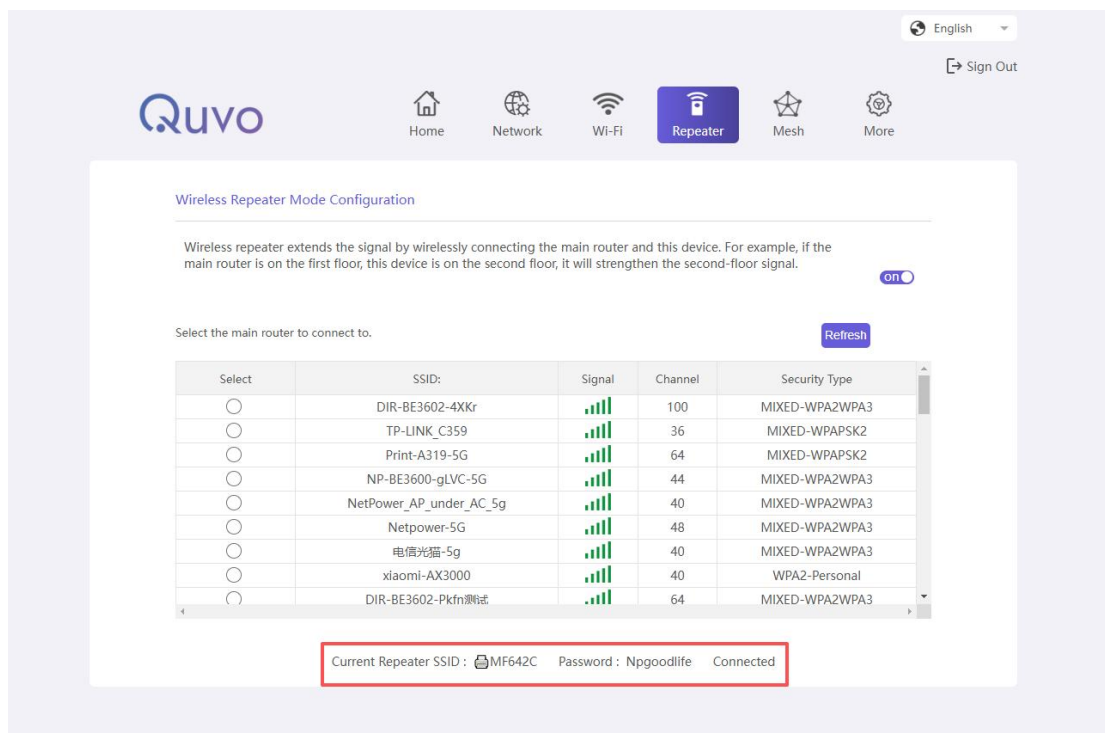


Figure 2-9: Successful Connection

Wireless Configuration 3

3.1 Wireless basic configuration

1. Users can configure basic information of WIFI 2.4G and WIFI 5G on this page, including SSID, key, encryption method, and other information.

2.4 GHz Wi-Fi Settings

Wi-Fi Switch

on

SSID

DIR-BE3602-ZHqT

☐ Hide SSID

Security Type

WPA2/WPA3 Mixed

Wi-Fi Password

>Password Strength:High

Channel

11

Bandwidth

Auto

5 GHz Wi-Fi Settings

Wi-Fi Switch

on

SSID

DIR-BE3602-ZHqT-5G

☐ Hide SSID

Security Type

WPA2/WPA3 Mixed

Wi-Fi Password

>Password Strength:High

Note: The password is the same as the Main 2.4 GHz password by default.

Channel

Auto

Bandwidth

Auto

Figure 3-1 Wireless Basic Configuration

3.2 Wireless Guest Network Configuration

- Users can configure basic information of WIFI visitors on this page, including SSID, key, encryption method, and other information.

Guest Network

Guest Wi-Fi 2.4 GHz switch

on

Allow Web Admin Access

☐

SSID

FX21-8196-Guest

☐ Hide SSID

Security Type

WPA2/WPA3 Mixed

Wi-Fi Password

Guest Wi-Fi 5 GHz switch

on

Allow Web Admin Access

☐

SSID

FX21-8196-Guest-5G

☐ Hide SSID

Security Type

WPA2/WPA3 Mixed

Wi-Fi Password

Note: The password is the same as the Guest 2.4 GHz password by default.

Save/Apply

Figure 3-1 Basic Configuration of guest Network

LAN Configuration

4

4.1 Basic configuration of LAN

1. Each device in the network has a unique IP address, which can be used to log in to the management interface and operate the router. The current page can modify this IP address and also modify the IP address range and other information obtained by the hanging terminal device.

The screenshot shows the Quvo LAN configuration interface. At the top, there is a navigation bar with icons for Home, Network, Wi-Fi, LAN (selected), Mesh, and More. The LAN Settings section is active, displaying the IP Address as 192.168.0.1. Below this, the DHCP Settings section is visible, showing the DHCP Feature turned on, IP Range from 192.168.0 to 250, Lease Time set to 12 hours, and DNS Server set to Auto. A Save/Apply button is at the bottom.

Figure 4-1 LAN Configuration

4.2 LAN DNS configuration

1. By configuring the local area network DNS, the downstream terminal can obtain the specified DNS, improving the user's internet experience.

This screenshot shows the Quvo LAN configuration interface with the DNS settings expanded. The IP Address remains 192.168.0.1. In the DHCP Settings section, the DHCP Feature is on, and the IP Range is 192.168.0 to 250. The Lease Time is 12 hours. The DNS Server is set to Manual, with DNS1 as 8.8.8.8 and DNS2 as 8.8.4.4. An 'Auto-fill DNS' link is visible next to the DNS1 field. A Save/Apply button is at the bottom.

Figure 4-2 LAN DNS Configuration

5.1 Restart operation

1. Click "More" to enter the advanced configuration page, then click "Reboot" to pop up a restart confirmation box. Click "Confirm" to perform the router restart operation.

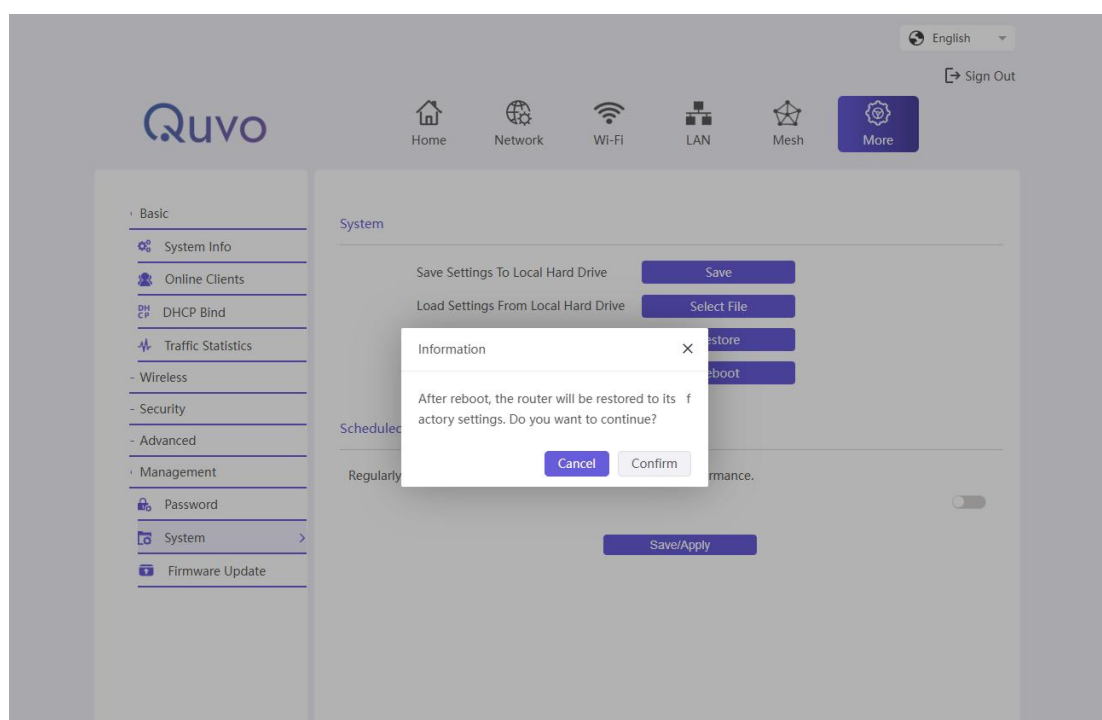


Figure 5-1: Restarting the Router

5.2 Reset operation

1. Click "More" to enter the advanced configuration page, then click "Reset" to pop up a restart confirmation box. Click "Confirm" to perform the router reset operation.

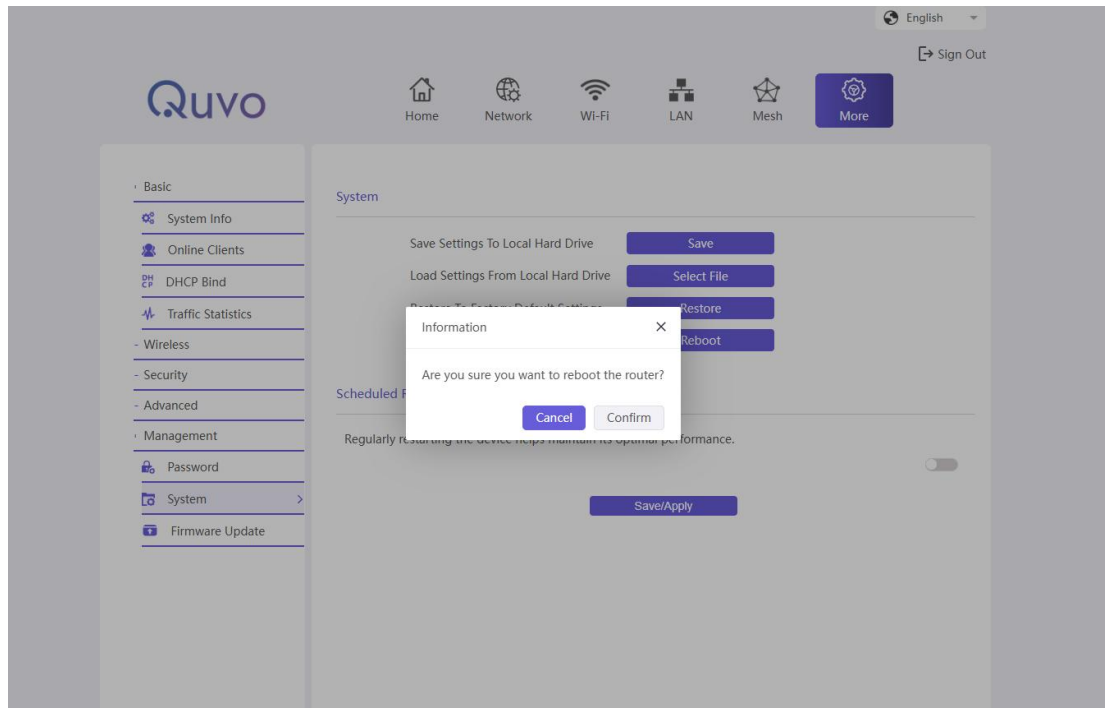


Figure 5-2 Reset Router

5.3 Basic upgrade operation

1. Click "More" to enter the advanced configuration page, and then click "Upgrade" to enter the upgrade page.

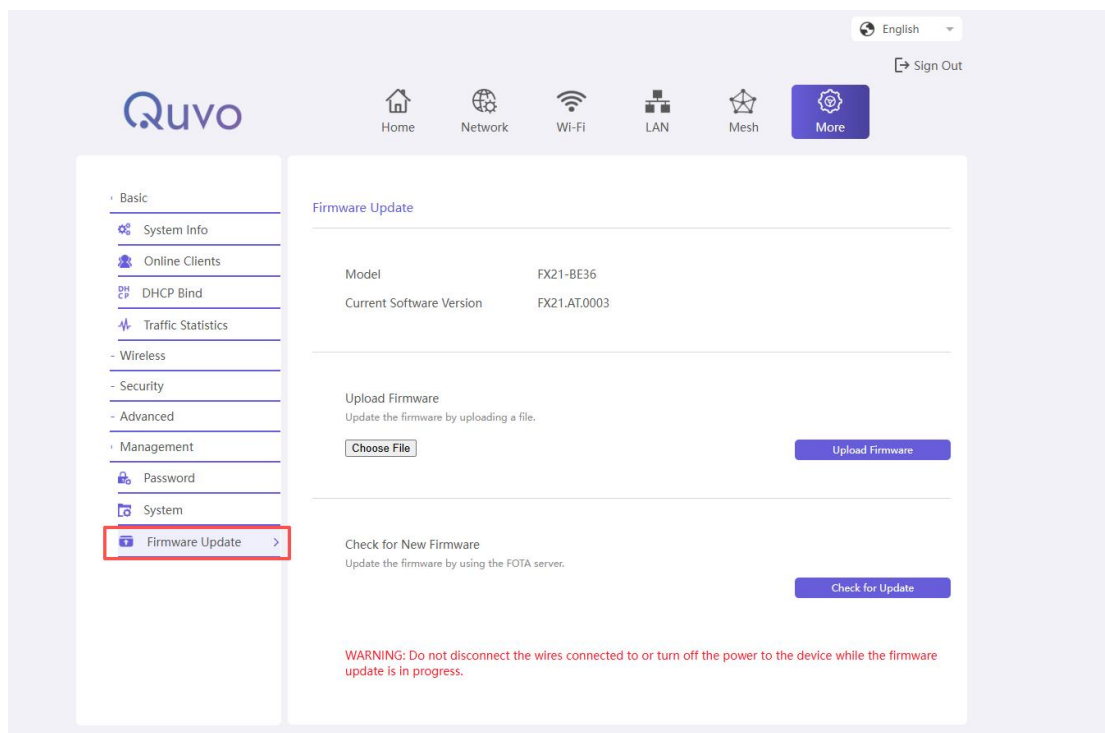


Figure 5-3 Upgrade Page

2. You can manually select a firmware for upgradeYou can manually select a firmware for upgrade.

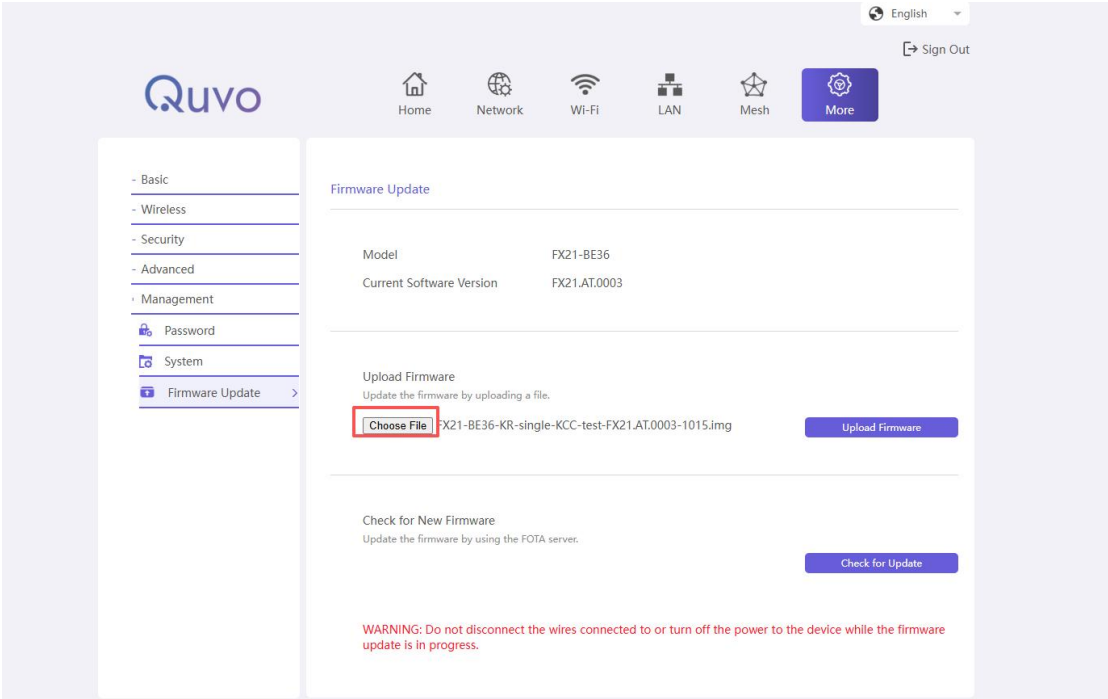


Figure 5-4 Click to upload firmware

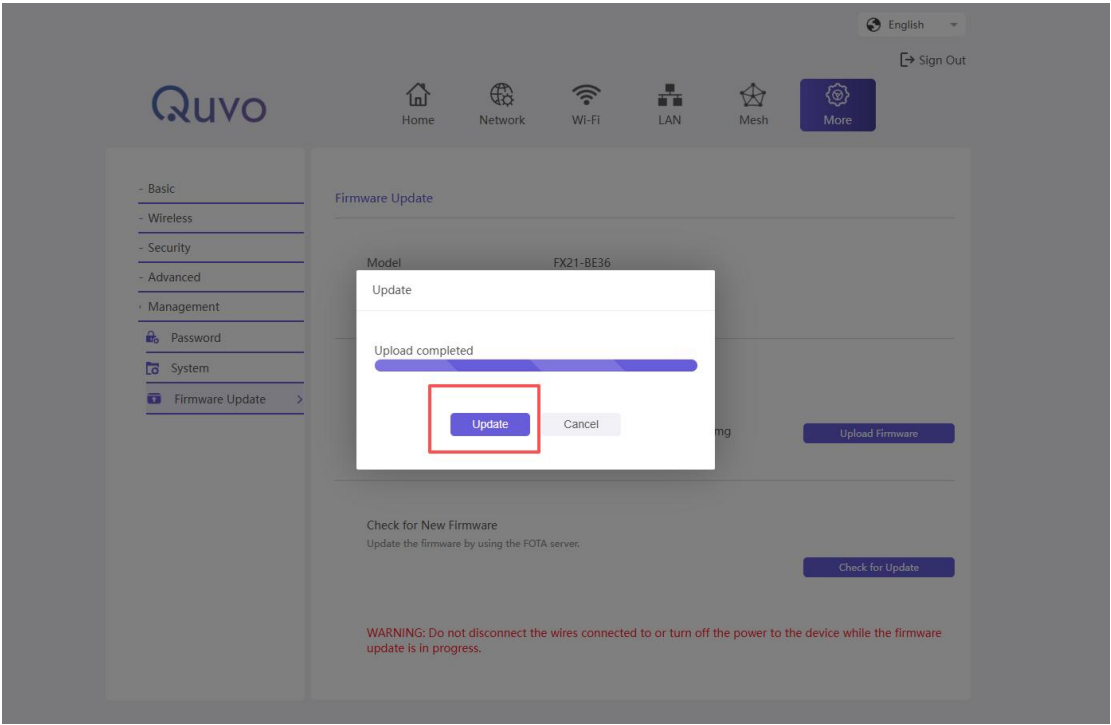


Figure 5-5 Click Update

5.4 Online upgrade operation

1. Click "More" to enter the advanced configuration page, and then click "Firmware Update" to enter the upgrade page.

Figure 5-6 Online Upgrade Page

2. When the router detects a new firmware version, click the "Update" button and the device will automatically complete the upgrade operation.

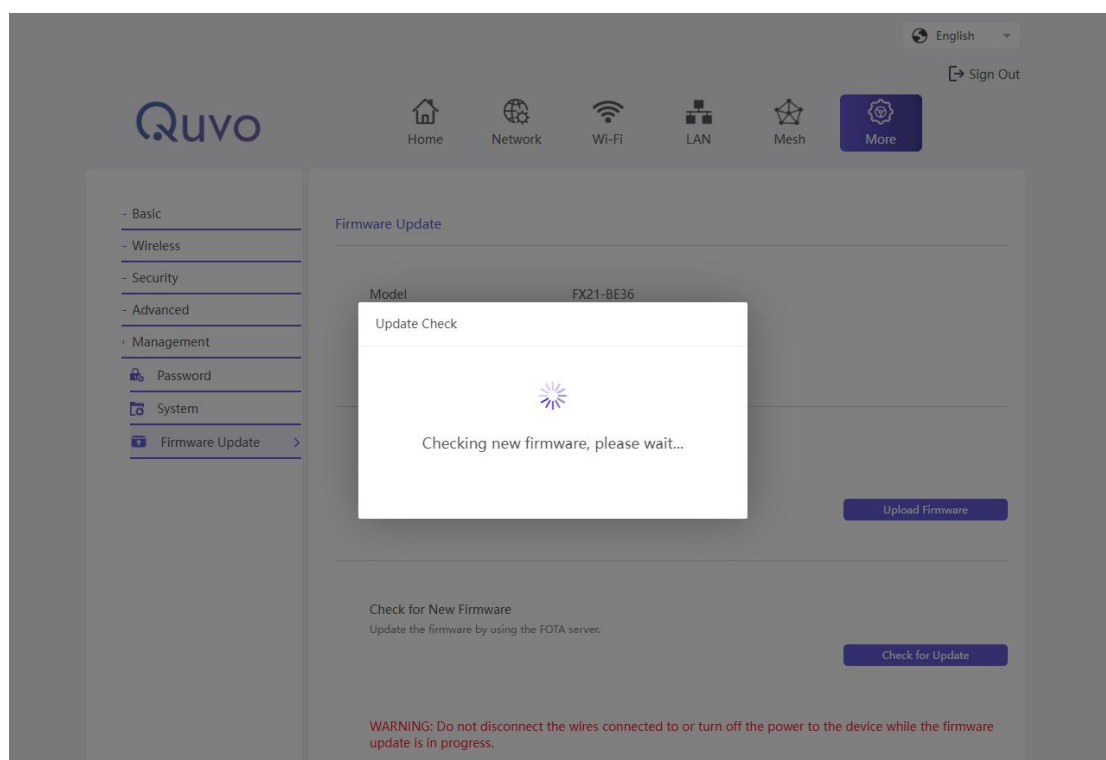


Figure 5-7 Firmware Download in Progress

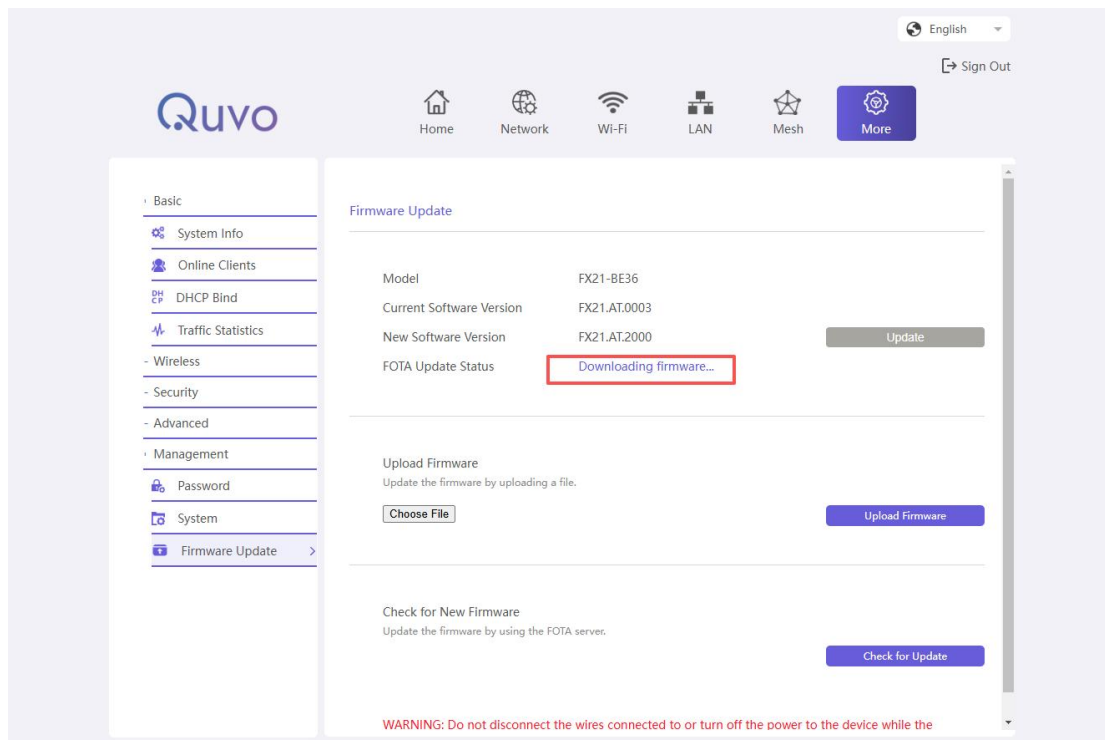


Figure 5-8 Upgrading in Progress

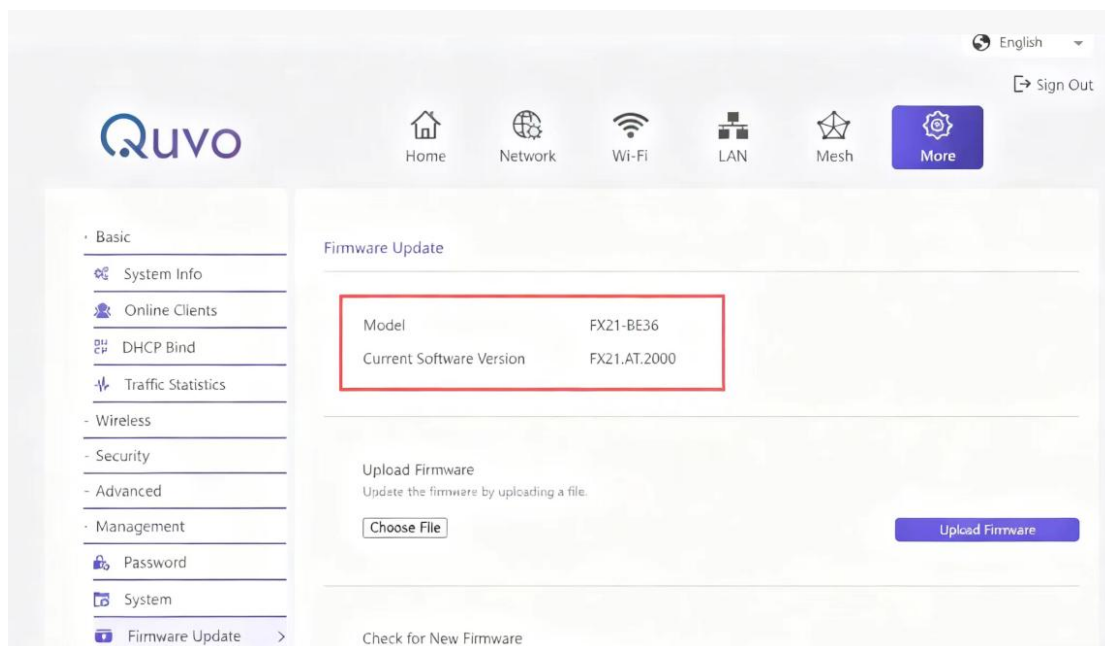


Figure 5-9 Upgrade completed

6.1 FCC STATEMENT

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

Any 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 complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 25cm between the radiator & your body.

5150~5250MHz band indoor use only