User manual

RAX1810 Smart Wi-Fi Router

Tech Support :Support@hnknet.com

17.P6.XXXXXXXXX

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1.Appearance

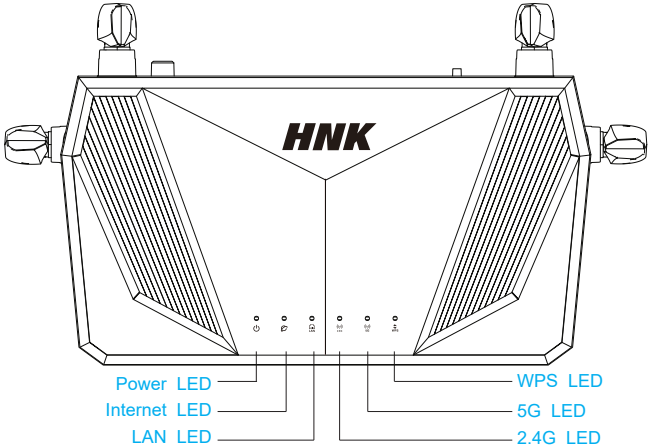

Figure 1-1

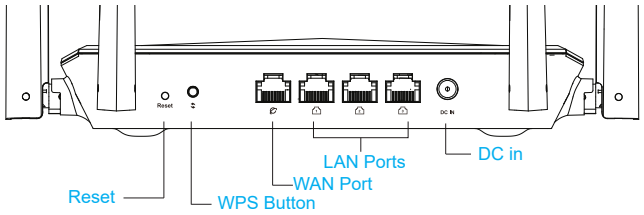

Figure 1-2

2.Packing List

HNK wifi router	× 1
Power adapter	× 1
Ethernet cable	× 1
Quick Installation Guide	× 1
User manual	× 1

3.Connect the Router

1. Before you start, please turn off your modem if any, and remove the backup battery if it has one.
2. Connect the modem to the router’ s WAN port with an Ethernet cable.
3. Turn on the modem, and then wait about 2 minutes for it to restart.
4. Connect the power adapter to the router.
5. Verify the power LED on the top panel is solid on (green) .
6. Connect your computer or smartphone to the wifi named HNK-RAX1801 or HNK-RAX1801-5Ghz.

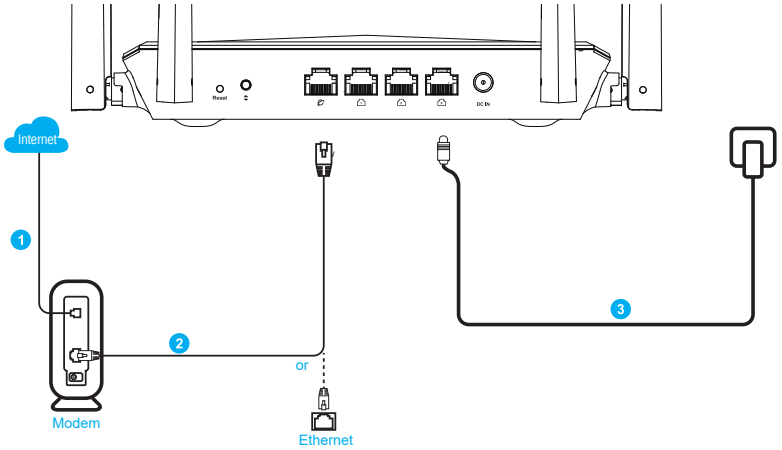

Figure 3-1

Note: If your internet connection is through an Ethernet cable directly from the wall instead of through a DSL / Cable /Satellite modem, connect the Ethernet cable to the router's WAN port, and then connect the power adapter to the router and turn on the router.

4.Wizard Page

4.1 Wizard Page

Browser Type 192.168.0.1 , automatically jump to the configuration wizard page（NO password in default）

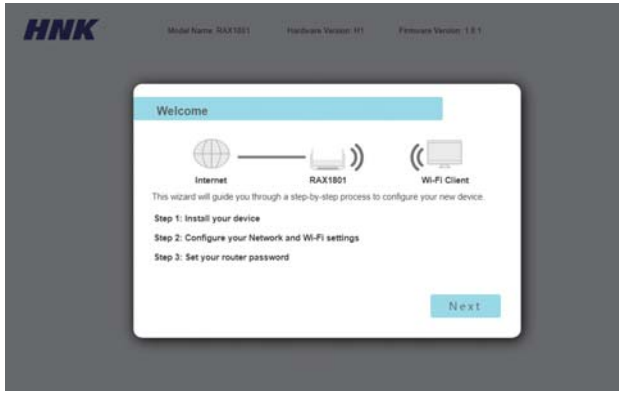

Figure 4-1

4.2 WAN Connection Settings

There are several connection types to choose: Static IP, DHCP and PPPoE. If you are unsure of your connection method, please contact your Internet Service Provider.

Note: If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

4.2.1 DHCP Settings

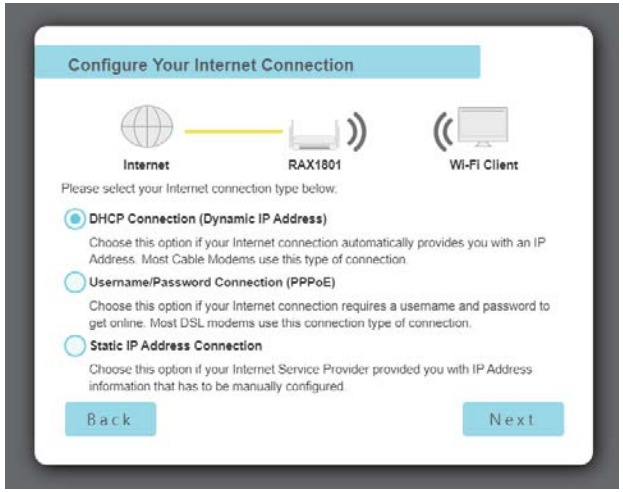

Figure 4-2

4.2.2 PPPoE Settings

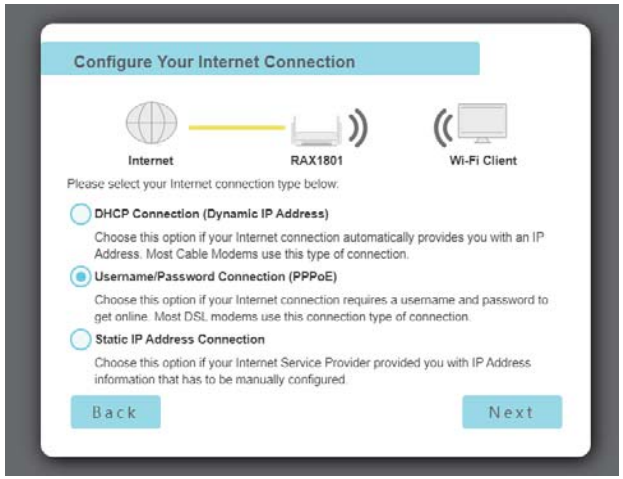

Figure 4-3

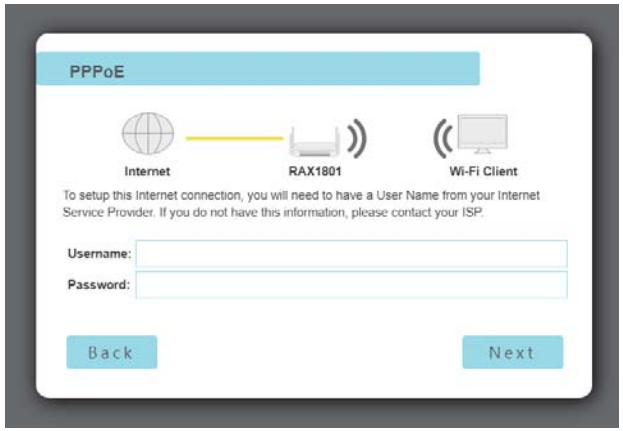

Figure 4-4

4.2.3 Static IP Settings

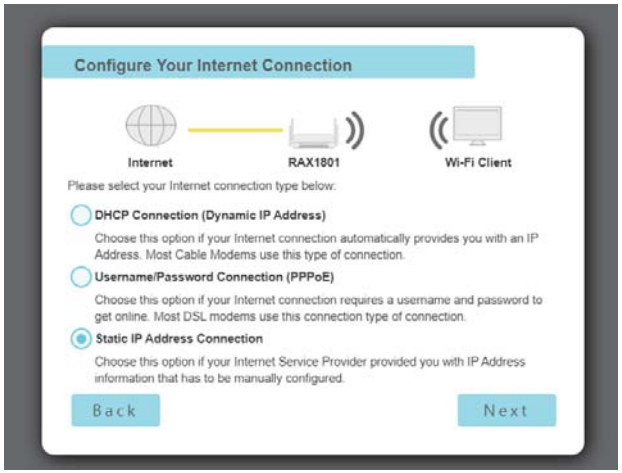

Figure 4-5

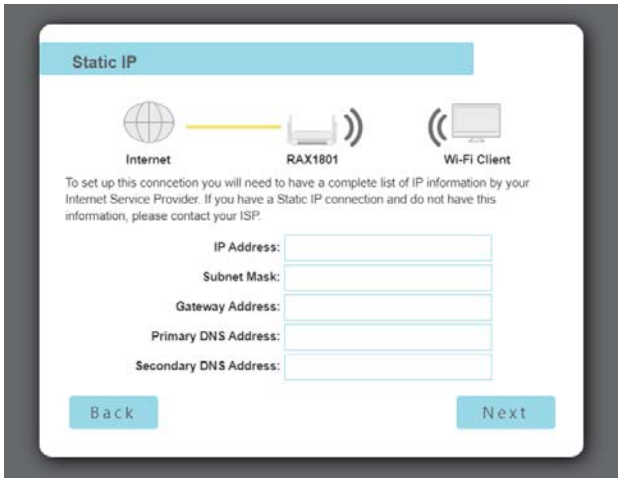

Figure 4-6

4.3 Wireless SSID and Password Settings

After configuring the static IP access method, please click "Next" to complete the wireless SSID configuration and wireless password settings.

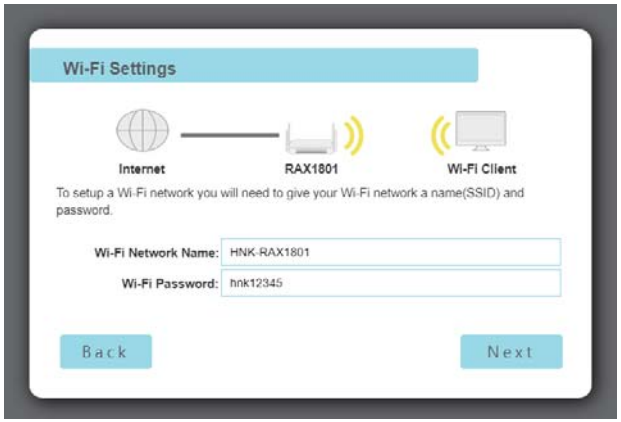

Figure 4-7

4.4 Admin Password Settings

After configuring the wifi, click "Next" to set the user (Admin) password, and then click "Next" to save the configuration.

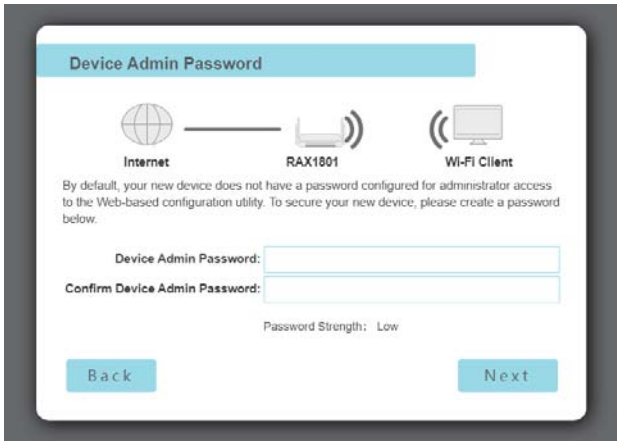

Figure 4-8

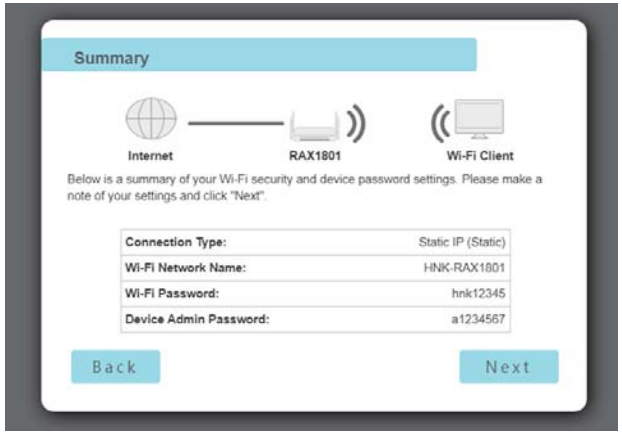

Figure 4-9

5.Web Management Landing Page

5.1 Management Page Login

After completing the configuration wizard, please enter 192.168.0.1 in the browser to log in to the router management page.

Admin Password：The Device admin Password you set on Wizard Page.

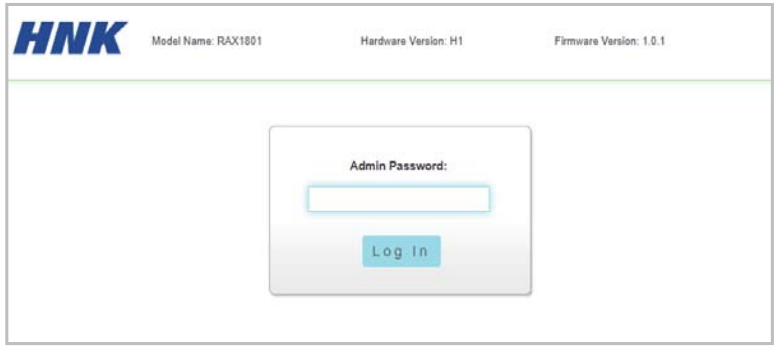

Figure 5-1

6.Home Page

Home page information is displayed.

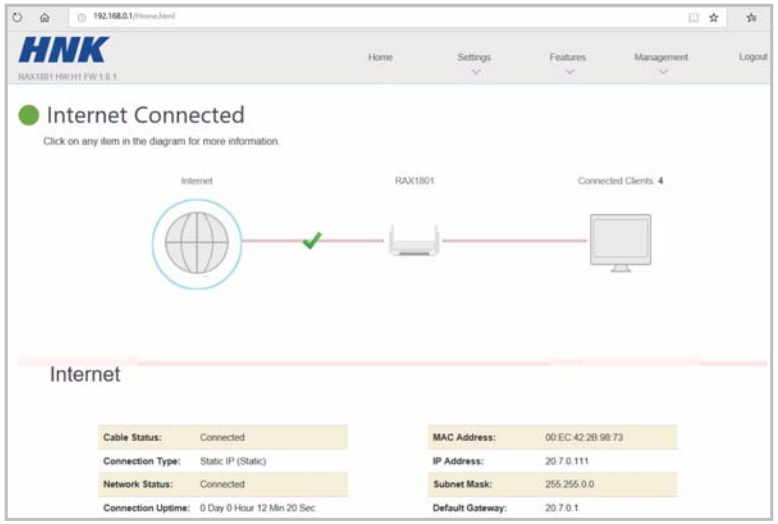

Figure 6-0

6.1 Internet Information Display Page

Internet connection status and connection information.

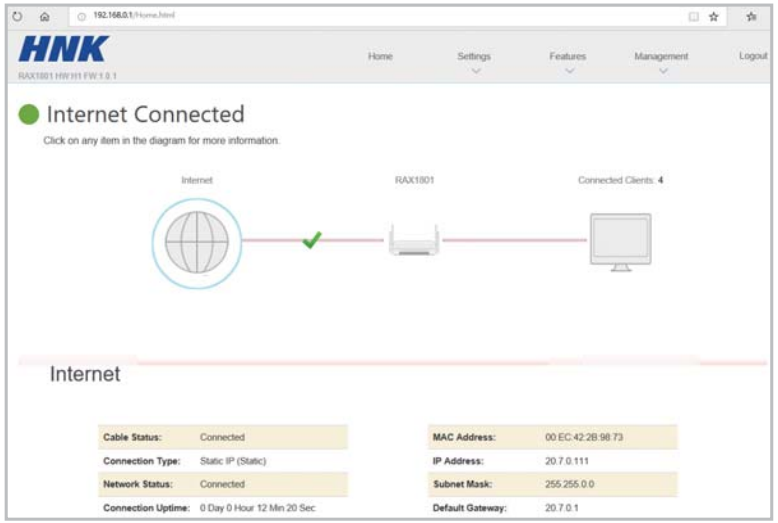

Figure 6-1

6.2 WiFi Information Display Page

6.2.1 Router Mode

Home>>RAX1801

Display Extender IPv4 mac address and wireless SSID.

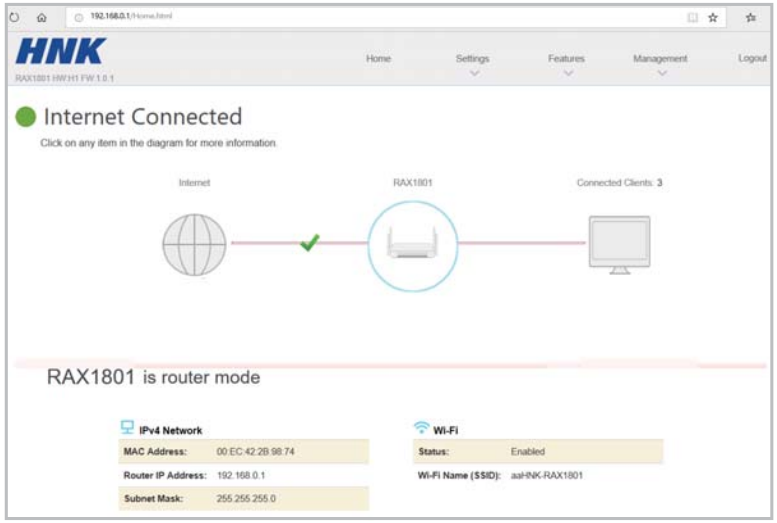

Figure 6-2

6.2.2 Repeater Mode

Display the Extender IPv4 mac address and the uplink router’ s wireless SSID.

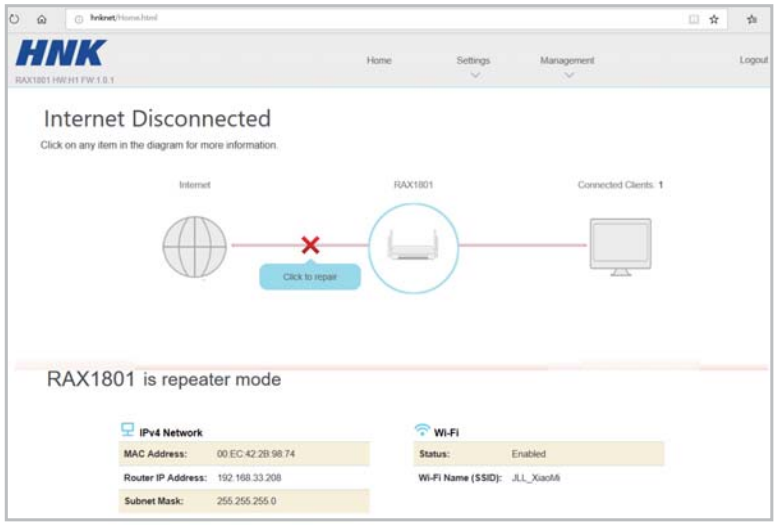

Figure 6-3

6.3 Connected Clients Information Display Page

Connected Clients information display page: It shows Connected Clients information.

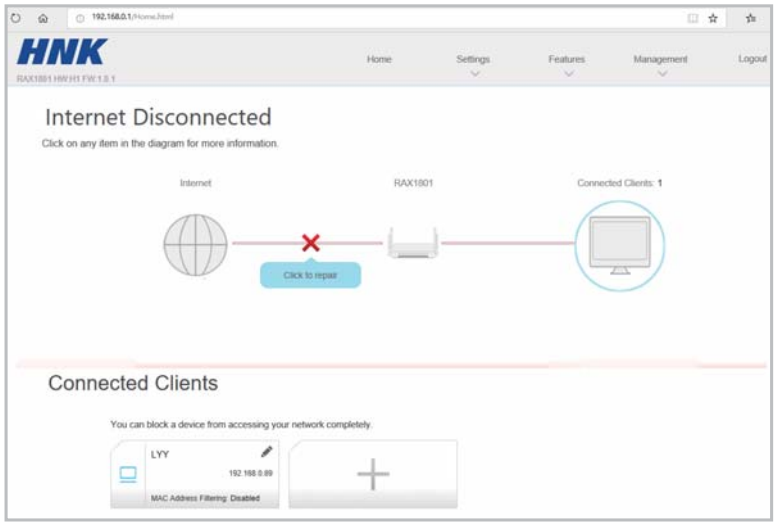

Figure 6-4

7.Function Configuration

7.1 WIFI Setting

Use this section to configure the wireless settings for your Router. Please note that settings made in this section may also need to be synchronized on your Wireless Client.

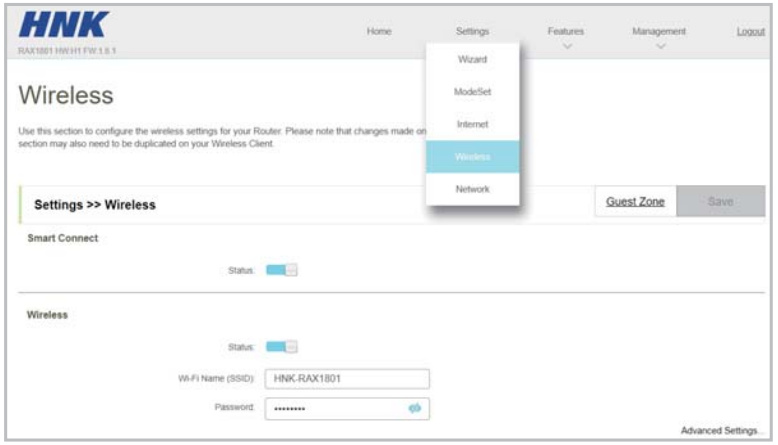

Figure 7-1

7.1.1 WIFI 2.4G Setting and 5G Setting

Configure the router 2.4G or 5G WIFI SSID and password.

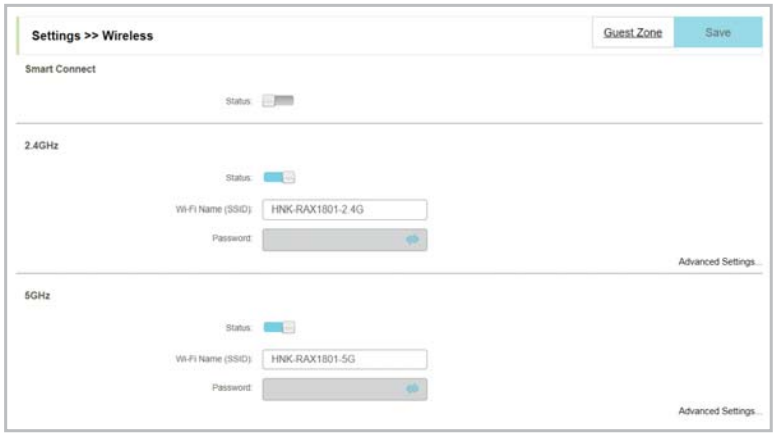

Figure 7-2

Click on Settings >> Wireless. Turn off the status button of Smart Connect. Then you can configure the router 2.4G or 5G WIFI SSID and password.Click on Settings >> Wireless. Turn off the status button of Smart Connect. Then you can configure the router 2.4G or 5G WIFI SSID and password.

Complete 2.4G advanced configuration, such as channel, security mode, 802.11 mode.

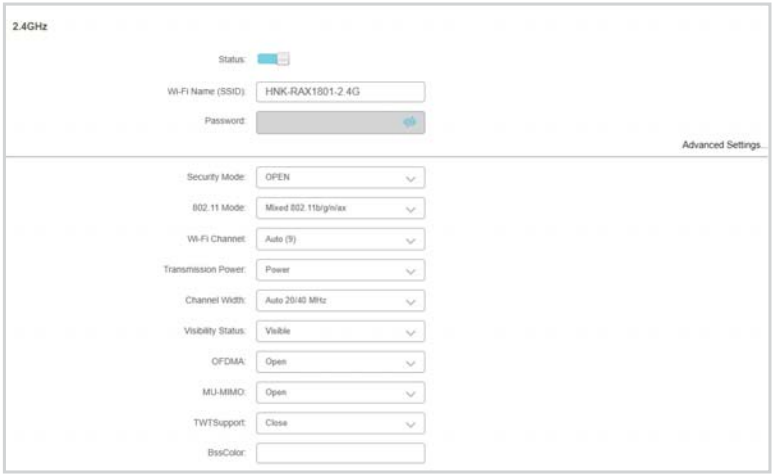

Figure 7-3

Complete 5G advanced configuration, such as channel, security mode, 802.11 mode.

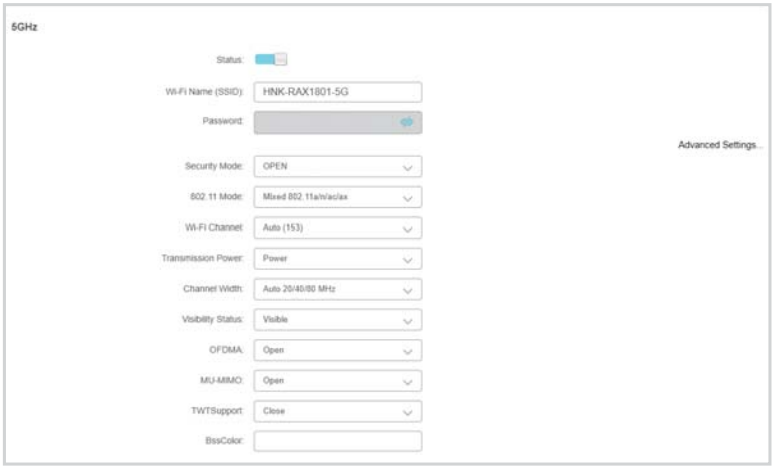

Figure 7-4

7.1.2 Smart Connect

After the smart connection is closed, the extender 2.4G WIFI and the 5G WIFI can be searched on the terminal wireless device respectively, and there are two wireless bands to be displayed on the page.

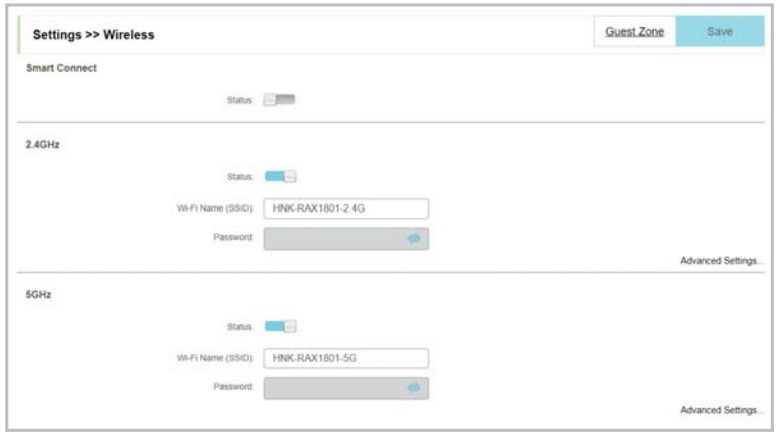

Figure 7-5

When Smart Connect feature is on, your wireless device can find one wireless SSID, and it will automatically match the 2.4G or 5G band WIFI according to the connection signal strength.

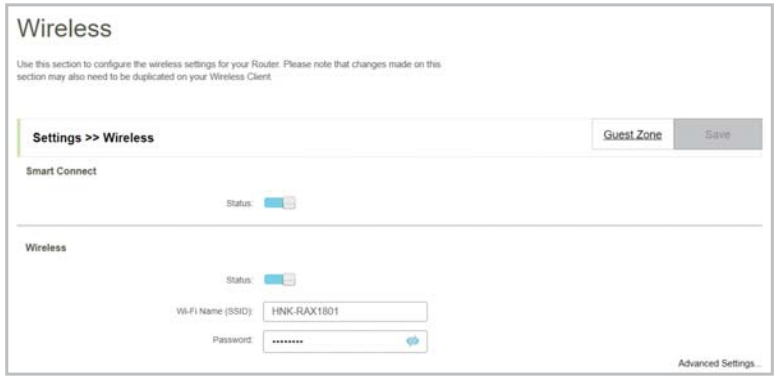

Figure 7-6

7.1.3 Guest Zone

This feature lets you enable and configure a Wi-Fi Guest Zone. It allows you to create a separate network for your guests to secure the main network.

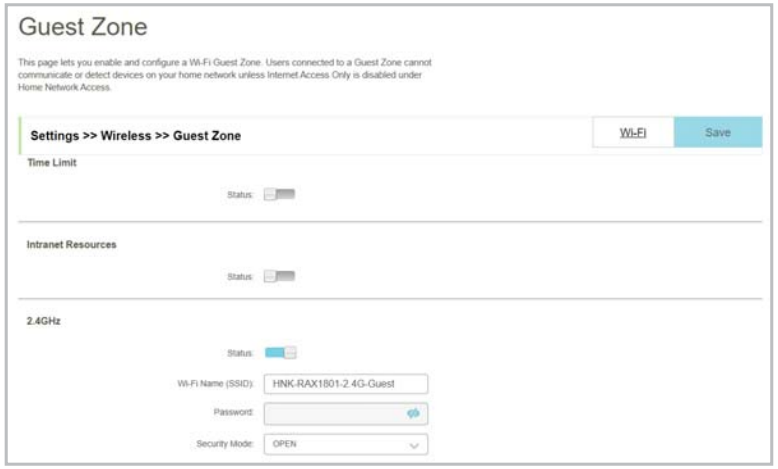

Figure 7-7

7.2 Internet Function Configuration

Use this section to configure your Internet Connection type. There are several connection types to choose: Static IP, DHCP and PPPoE. If you are unsure of your connection method, please contact your Internet Service Provider.

Note: If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

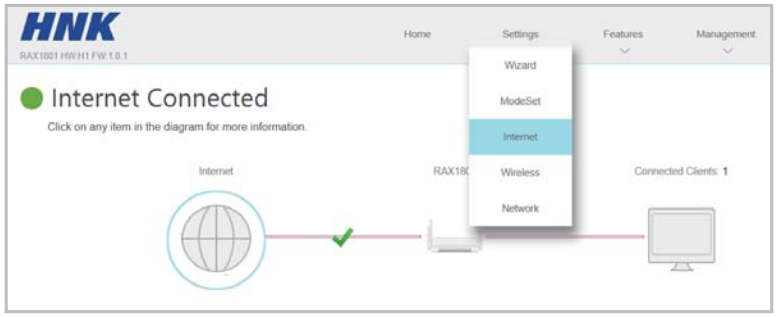

Figure 7-8

7.2.1 IPV4 Settings

Use this section to configure your Internet Connection type. There are several connection types to choose: Static IP, DHCP, PPPoE. If you are unsure of your connection method, please contact your Internet service provider.

Note: If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

Figure 7-9

7.2.2 IPV6 Settings

All of your IPv6 Internet and network connection details are displayed on this page.

Figure 7-10

7.2.3 Host Name

Set Internet connection type as dhcp.

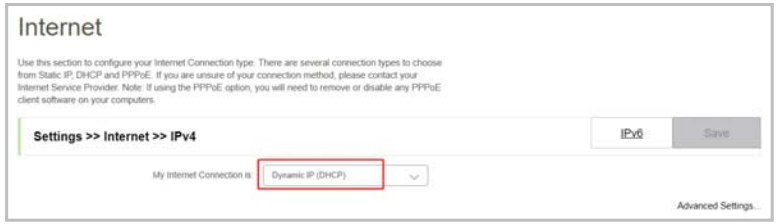

Figure 7-11

Advanced settings.

Figure 7-12

Click on Advanced Setting, reset your Host Name (e.g. RAX1801), then click on Save.

Figure 7-13

7.3 Network Function Configuration

Use this section to configure the network settings for your devices. You can enter a name for your device in the management link field and use the link to access web UI in a web browser. Recommend changing the management link if there are more than one device within the network.

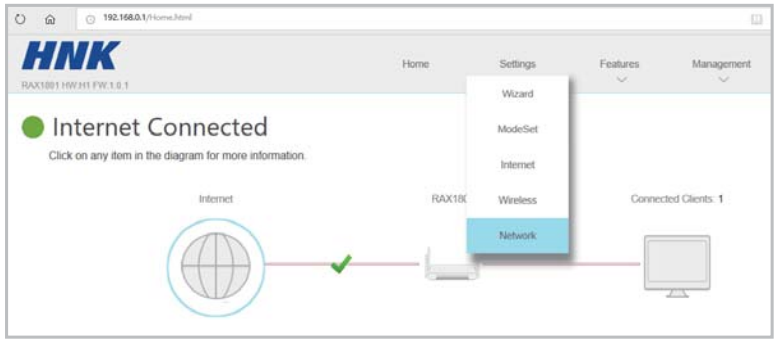

Figure 7-14

7.3.1 Network Settings

Set LAN IP Address, Subnet Mask, Enable DNS Relay.

Figure 7-15

7.3.2 DHCP Server

Settings>>Network>>Advanced Settings>>DHCP Server

Set DHCP Server IP address range, lease duration.

Figure 7-16

7.3.3 Network Advanced Settings

Set LAN advanced settings, UPnP function.

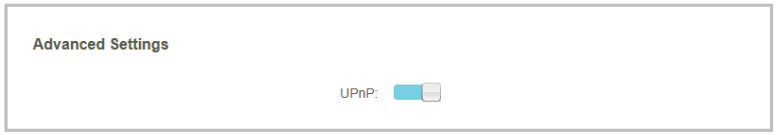

Figure 7-17

7.4 ModeSet Configuration

Settings>>ModeSet

You can set it to be a router or a repeater mode.

Figure 7-18

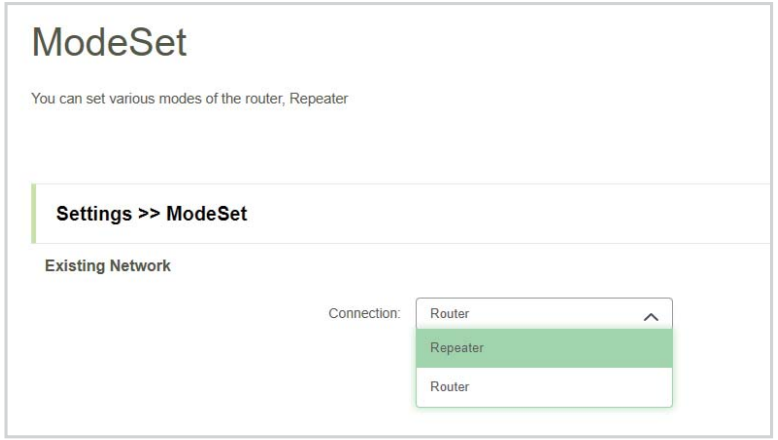

Figure 7-19

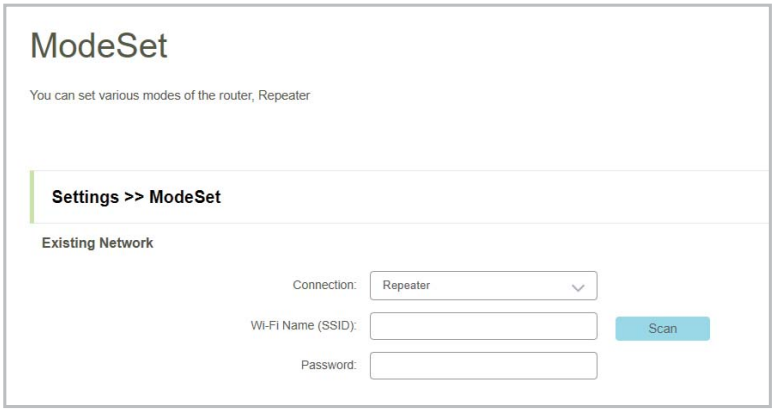

Figure 7-20

Click the scan function after entering the page to scan the uplink router wireless.

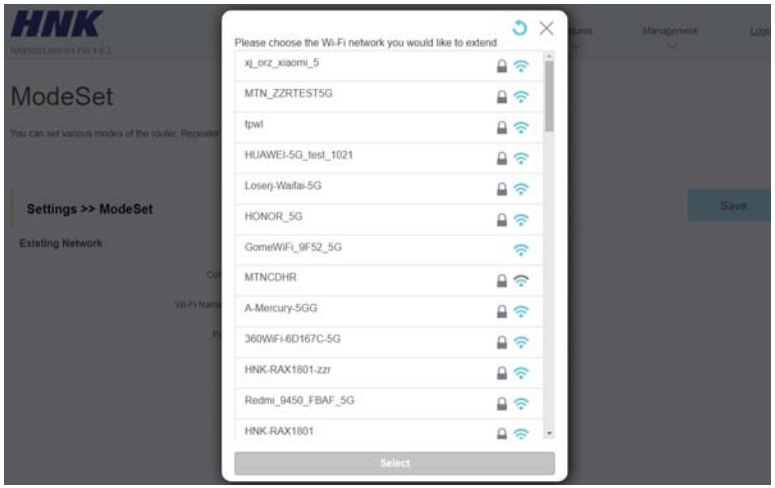

Figure 7-21

Select the router 2.4G or 5G WIFI SSID and enter the signal extension password.

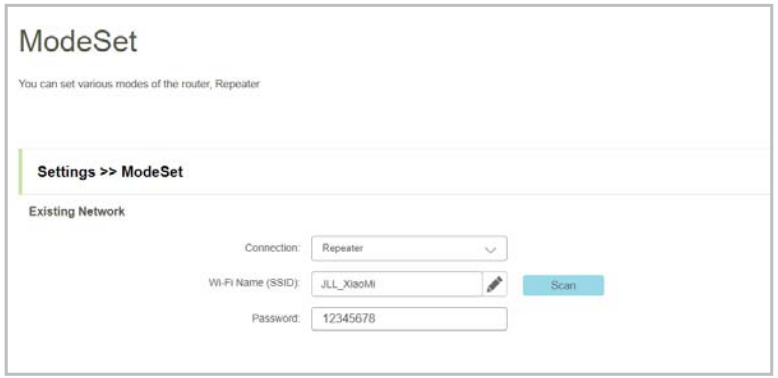

Figure 7-22

8.Features Setting

8.1 QOS

Click on Home >> Connected Clients.

Connected clients can be assigned Internet access priority. Create a new QOS rule in connected clients list.

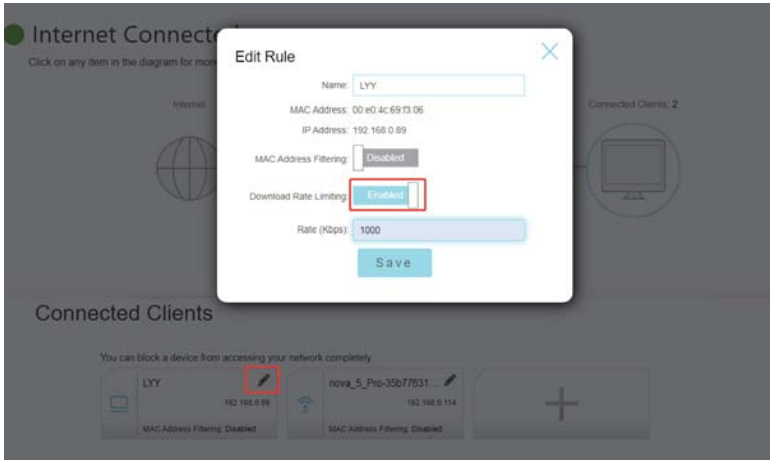

Figure 8-1

After the above setting, click on Features >> QoS Engine.

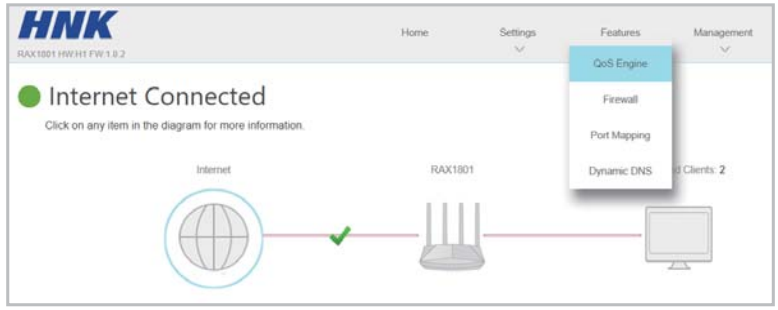

Figure 8-2

You can see the connected clients in the QoS rules list.

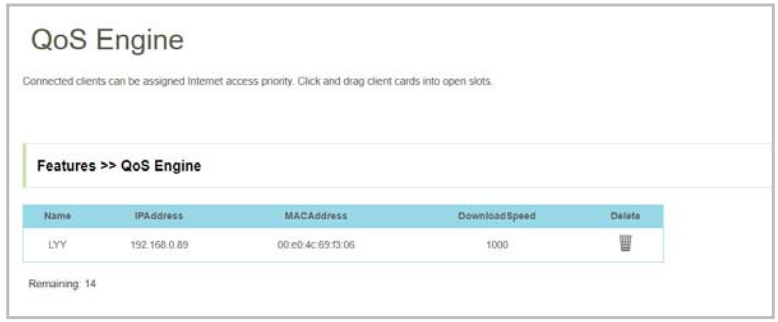

Figure 8-3

8.2 Firewall Settings

In this page, you can set the firewall status, remote management, WAN Ping, website filter, IPv4 Rules and IPv6 Rules.

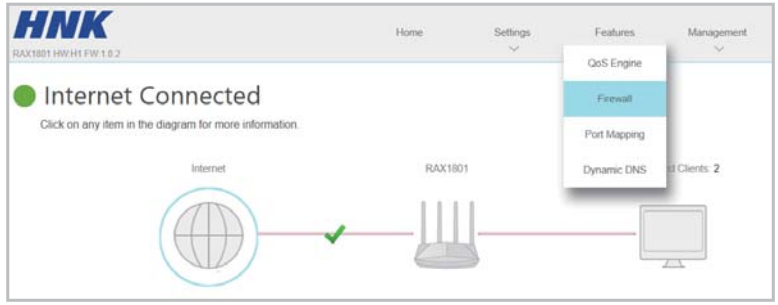

Figure 8-4

8.2.1 Website Filter

The website filter feature allows you to set rules that you can restrict access to a specified web address (URL) or block specified keywords in the URL. You can use Website Filter to restrict access to potentially harmful and inappropriate websites.

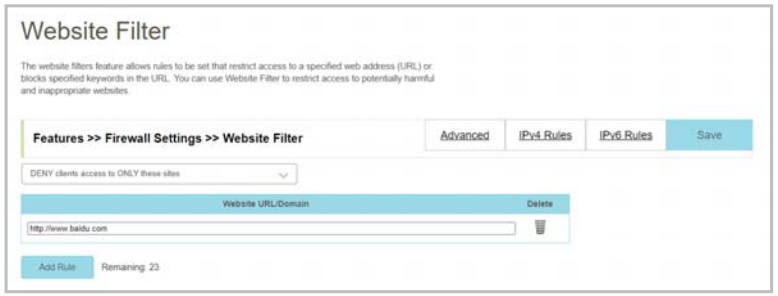

Figure 8-5

8.2.2 IPv4 Rules

The IPv4 rule section is an advanced feature used to deny or allow traffic from passing through the device.

Figure 8-6

Create a new rule.
Open Firewall Status>>Save>>IPv4 Rules>> Add Rule

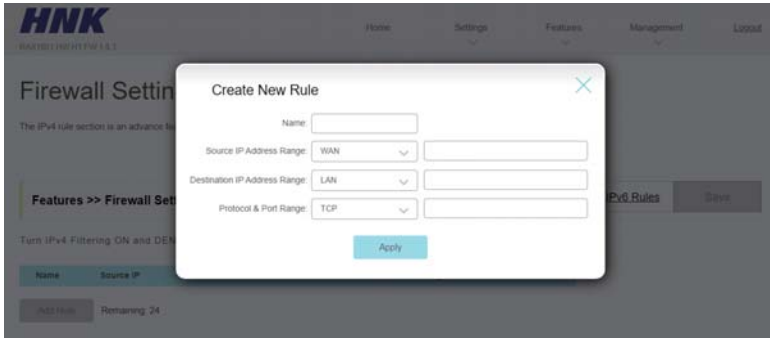

Figure 8-7

8.2.3 IPv6 Rules

The IPv6 will also be supported by your router's built-in firewall. Some applications or clients may require special adjustments for better performance or extra protection.

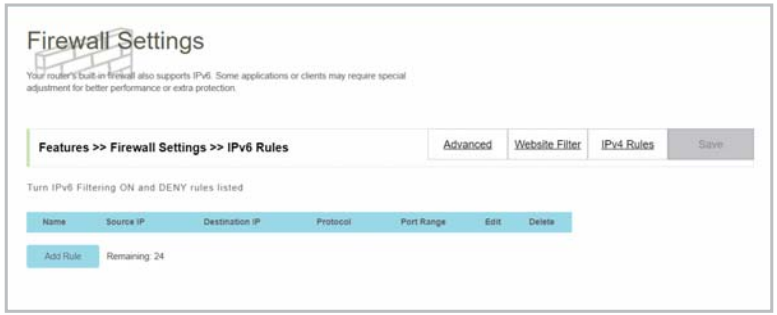

Figure 8-8

Create a new rule.
Open Firewall Status>>Save>>IPv6 Rules>> Add Rule

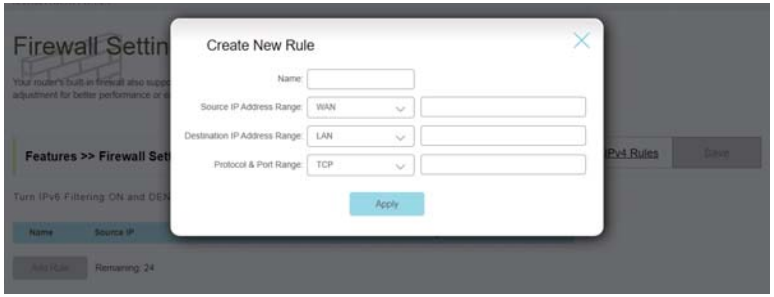

Figure 8-9

8.2.4 Remote Management
HTTP Remote Management

Figure 8-10

8.2.5 WAN Ping

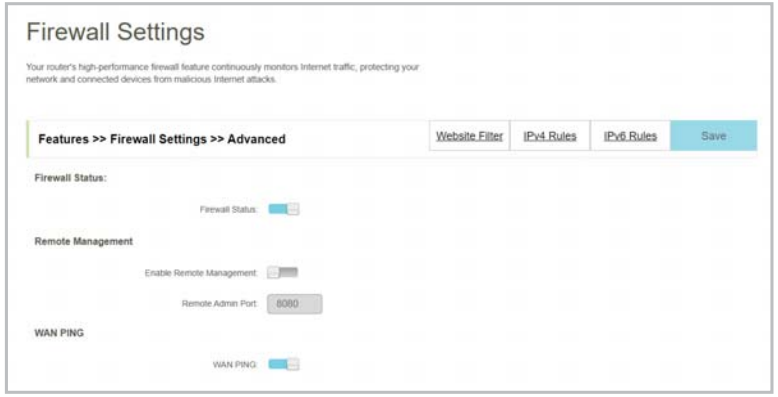

Figure 8-11

8.3 Port Mapping

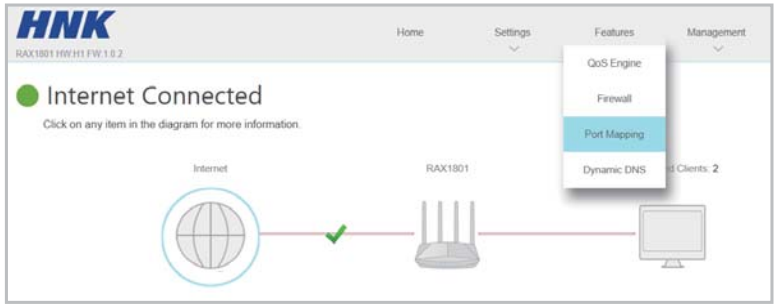

Figure 8-12

8.3.1 Port Forwarding

Your router helps to share a single IP address assigned by your ISP among several clients in your home. Port forwarding allows traffic requests from a specified application to be directed to a specified client inside.

Figure 8-13

Create a new port forwarding rule.

Figure 8-14

8.3.2 DMZ

Your router's high-performance firewall feature continuously monitors Internet traffic, protecting your network and connected devices from malicious Internet attacks.

Figure 8-15

Figure 8-16

8.3.3 Virtual Server

Your router helps to share a single IP address assigned by your Internet service provider among several clients in your home. Virtual servers are preset port mappings for popular services, like a web or e-mail server, that route traffic to a specified client inside.

Figure 8-17

reate a new virtual server rule.

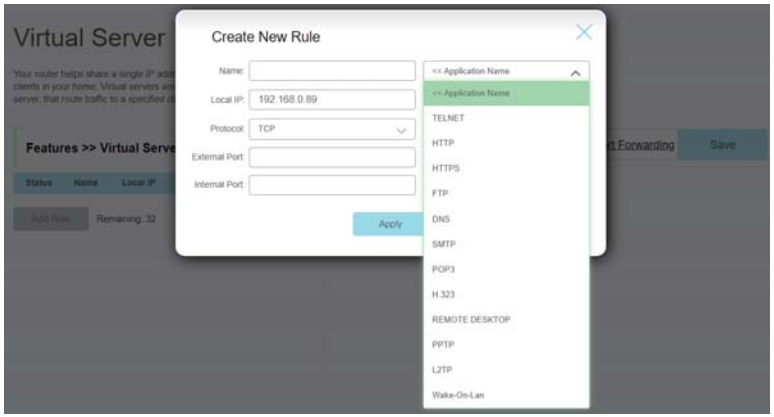

Figure 8-18

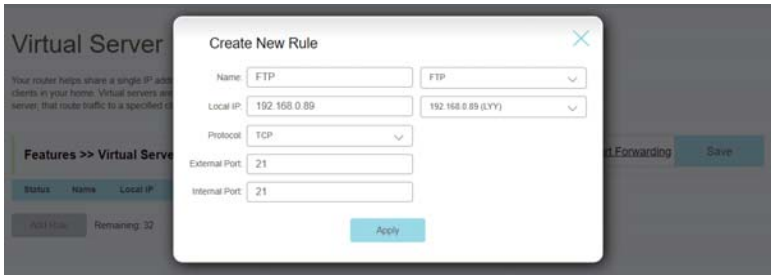

Figure 8-19

8.4 DDNS

Dynamic Domain Name Service(DDNS) allows your router to associate an easy-to-remember domain name such as [YourDomainName].com with the regularly changing IP address assigned by your Internet Service provider. This feature is helpful when running a virtual server.

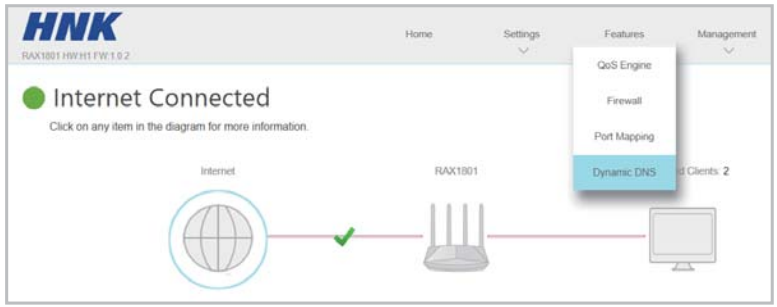

Figure 8-20

Figure 8-21

9. Management Page

9.1 Time and Schedule

9.1.1 Time

Your router's internal clock is used for data logging and schedules for features. The date and time can be synchronized with a public time server on the Internet, or set manually.

Figure 9-1

9.1.2 Schedule

Some features, such as the firewall and website filters, can be turned on or off based on a schedule. One common use of schedules is to control access to the Internet by a specified device during specified time periods.

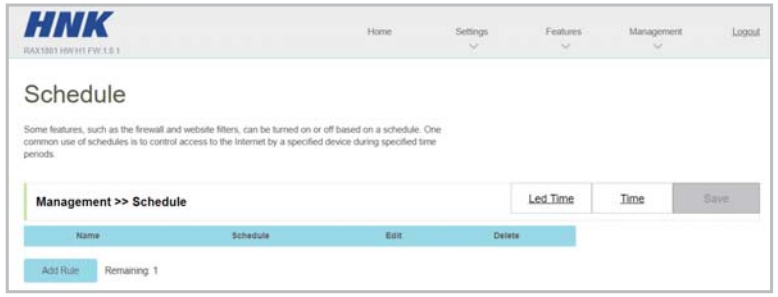

Figure 9-2

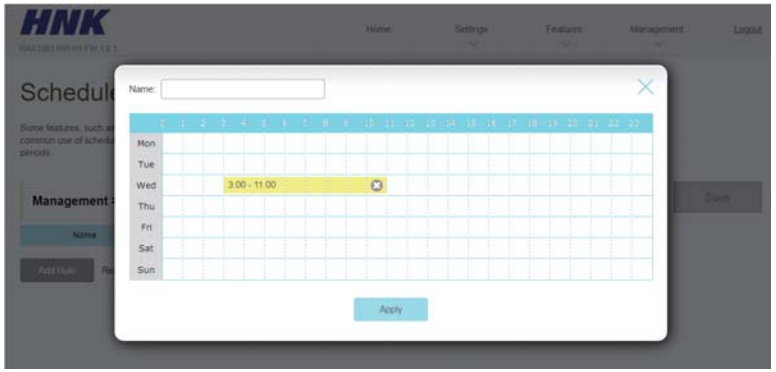

Figure 9-3

9.1.3 Led Time

Your router's internal clock is used for data logging and schedules for features. The date and time can be synchronized with a public time server on the Internet, or set manually.

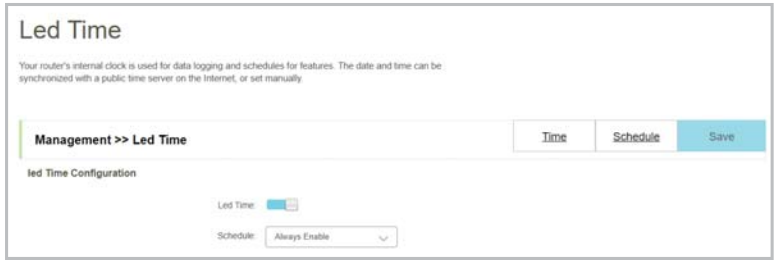

Figure 9-4

9.2 System Log

On-board diagnostics run continually in the background to monitor the health of your router. The results are recorded in the system log if it is enabled. This info can be used to diagnose common problems or help Customer Support resolve issues more quickly.

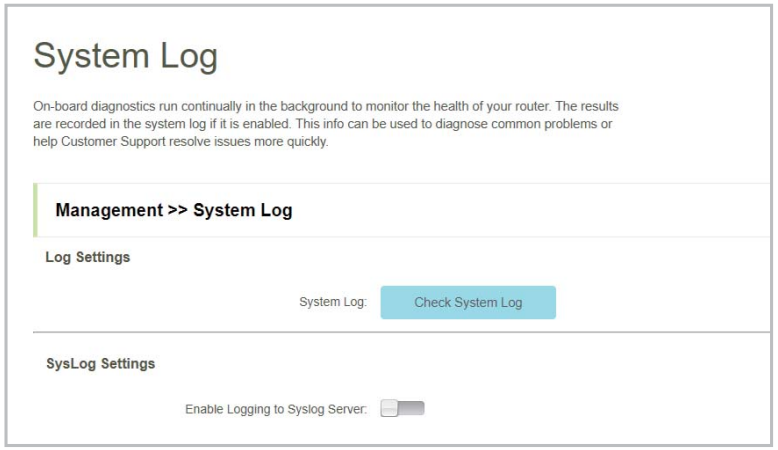

Figure 9-5

9.3 Admin Page Settings

To set the administrator password, you need to enter the original password for verification; then enter a new administrator password and verify it again.

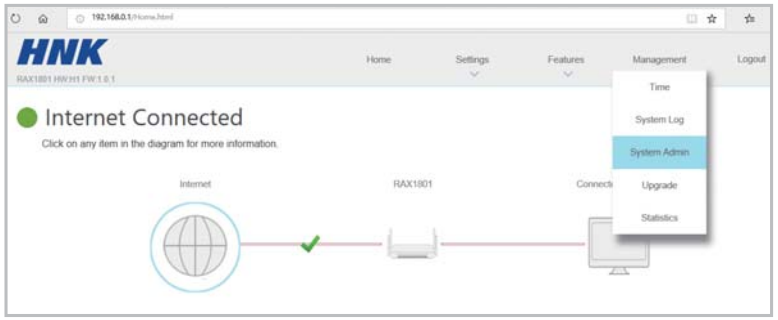

Figure 9-6

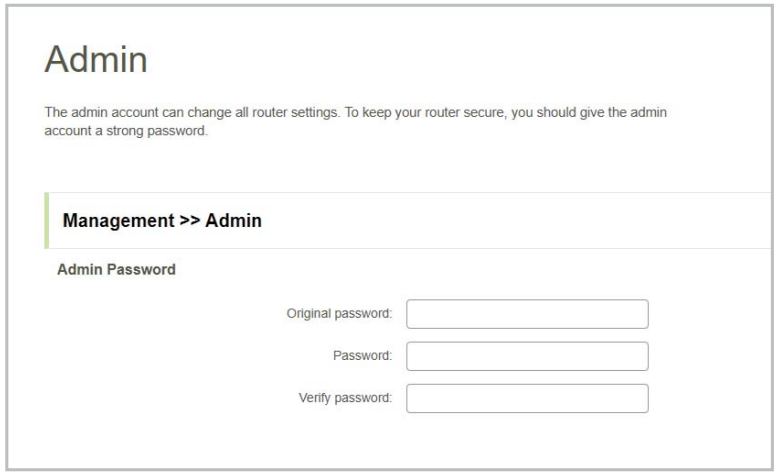

Figure 9-7

After modifying the administrator password, the browser will jump to the login page. Enter the administrator password to login

Figure 9-8

9.4 System Page Setup

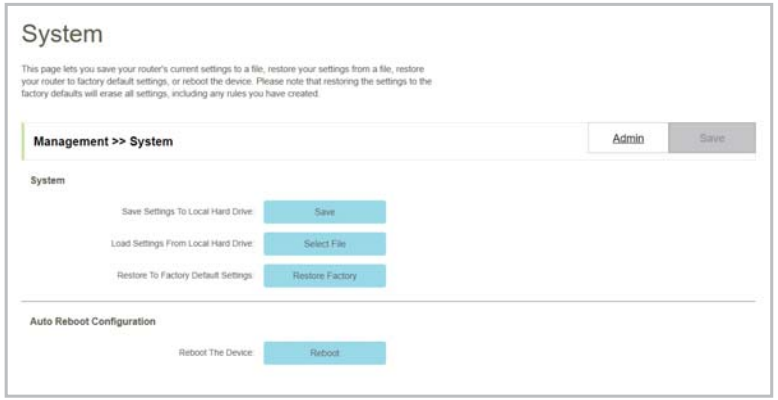

Figure 9-9

9.4.1 Save Settings to Local Hard Drive

Export the configuration file to the local PC for saving, so that you can quickly restore the configuration information.

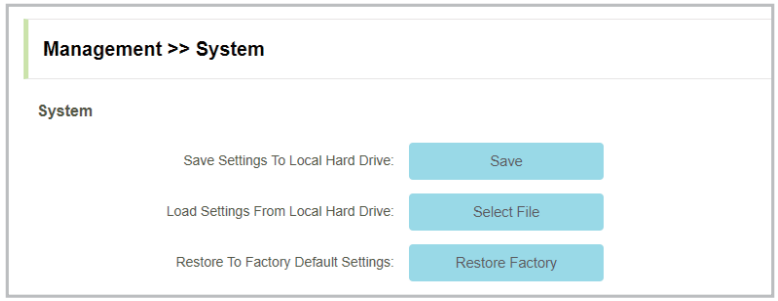

Figure 9-10

9.4.2 Load Settings from Local Hard Drive

Import the configuration file to the Router to quickly configure the router or restore configuration information.

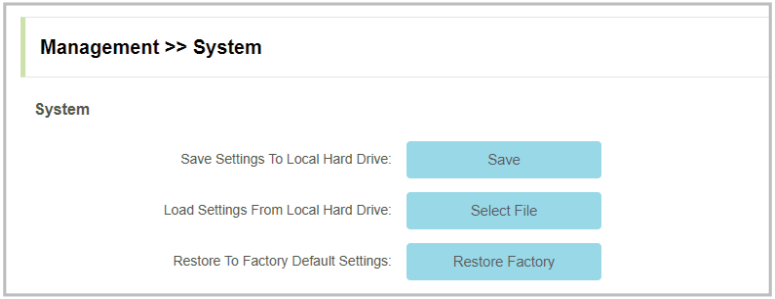

Figure 9-11

9.4.3 Restore to Factory Default Settings

Clear all router configuration and restore the router settings to factory default.

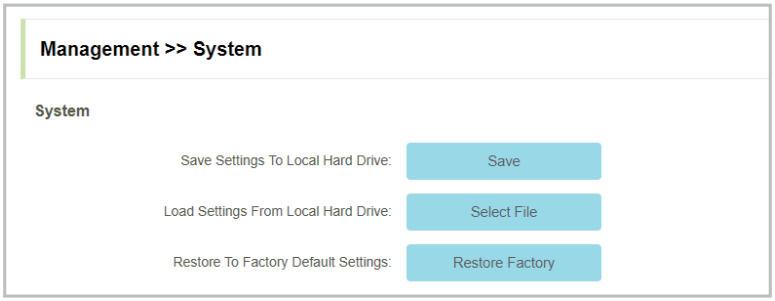

Figure 9-12

9.4.4 Reboot the Device

Reboot the Router.

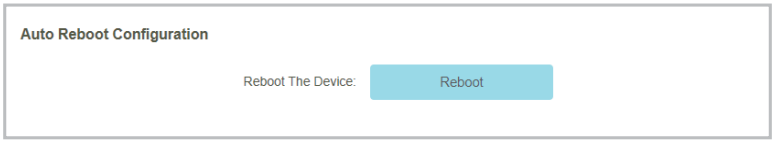

Figure 9-13

9.5 Upgrade Page Settings

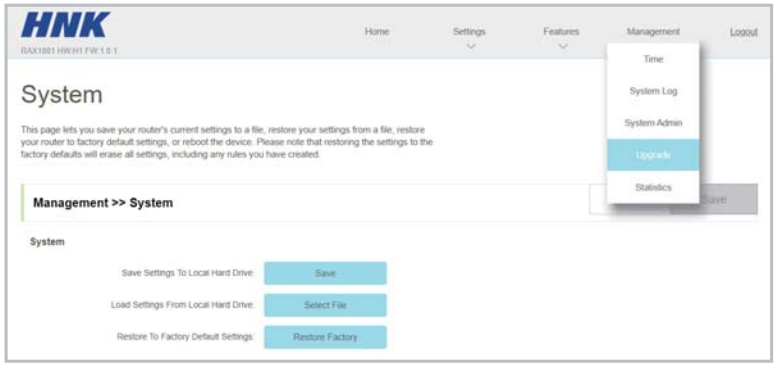

Figure 9-14

9.5.1 Firmware Information Display

Display current firmware version information.

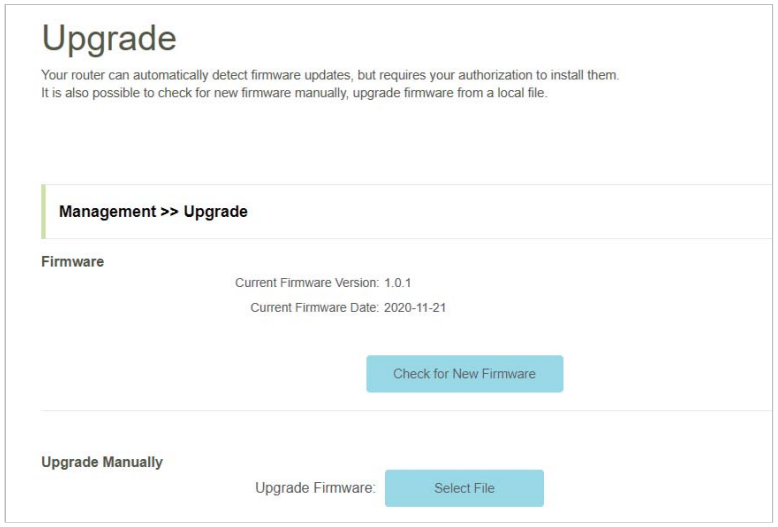

Figure 9-15

9.5.2 Online Firmware Upgrade Settings

This page will display your current firmware version. Click on the ‘Check for New Firmware’ button for detecting the latest firmware version. If have, you can upgrade your firmware to the latest version. Otherwise the page will prompt that the firmware is the latest version.

Figure 9-16

9.5.3 Local Firmware Upgrade Settings

Select the Router's local firmware configure file to upgrade.

Figure 9-17

9.6 Statistics Page

This page gives you various router statistics about data sent and received through the Internet, wired network (LAN), and wireless networks.

Figure 9-18

10.Hardware

10.1 LED Indicator

- The power light is steady green: The device is on.
- The 2.4G light is steady green: 2.4G Wi-Fi band available.
- The 5G light is steady green: 5G Wi-Fi band available.
- The USB light is steady green: U disk has been inserted.
- The Internet light is steady green: WAN port has been connected with network cable.
- The Internet light blinks green: WAN port has data transmission.

10.2 WPS Button

1.Press the "WPS" button on the panel to start WPS (limited time is 120 seconds), then press the router wps function.

2.Open the WPS function on your mobile phone, Wait for the connection between mobile phone and router.

10.3 RESET Pinhole

When the power is on, sting the router's "Reset" pinhole for 10 seconds to restore the factory settings.

Frequently Asked Questions:

Unable to open the router's administrative interface:

- Make sure the computer is "Obtain an IP address automatically".
- Make sure the computer is connected when the router is wireless.
- Please turn off and reopen the browser, or try a different browsers (such as Firefox or Google).
- Please try another computer.
- If operations above still can not solve the problem, please restore the factory settings and re-operation.

How to restore the router to factory settings:

- When the power is on, sting the router's "Reset" pinhole for 10 seconds to restore the factory settings.

11. Contact Us

Method 1: Log in to the App Store or Google Store, search for "HNK Router", download and install the APP.

Method 2: Scan the QR code below to download and install the APP.

24hour Online
After-Sales Service

Scan QR Code To Visit

https://hnk.afterservice.vip

24hour Online
After-Sales Service

Scan QR Code To Visit

https://hnk.afterservice.vip

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Tech Support :Support@hnknet.com

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