

STRONG

5G ROUTER AX3000

5GAX3000



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Introduction

Please scan this QR code to access the FAQs of 5G Router AX 3000:



General Introduction

The following user manual is meant to guide you in the installation process of your 5G AX 3000. For this purpose, we will detail the process to set up your device and network. In addition, we will present you the process to connect to Web UI and the different parameters that you can set, as well as the meaning of the LEDs that you can see on your device.

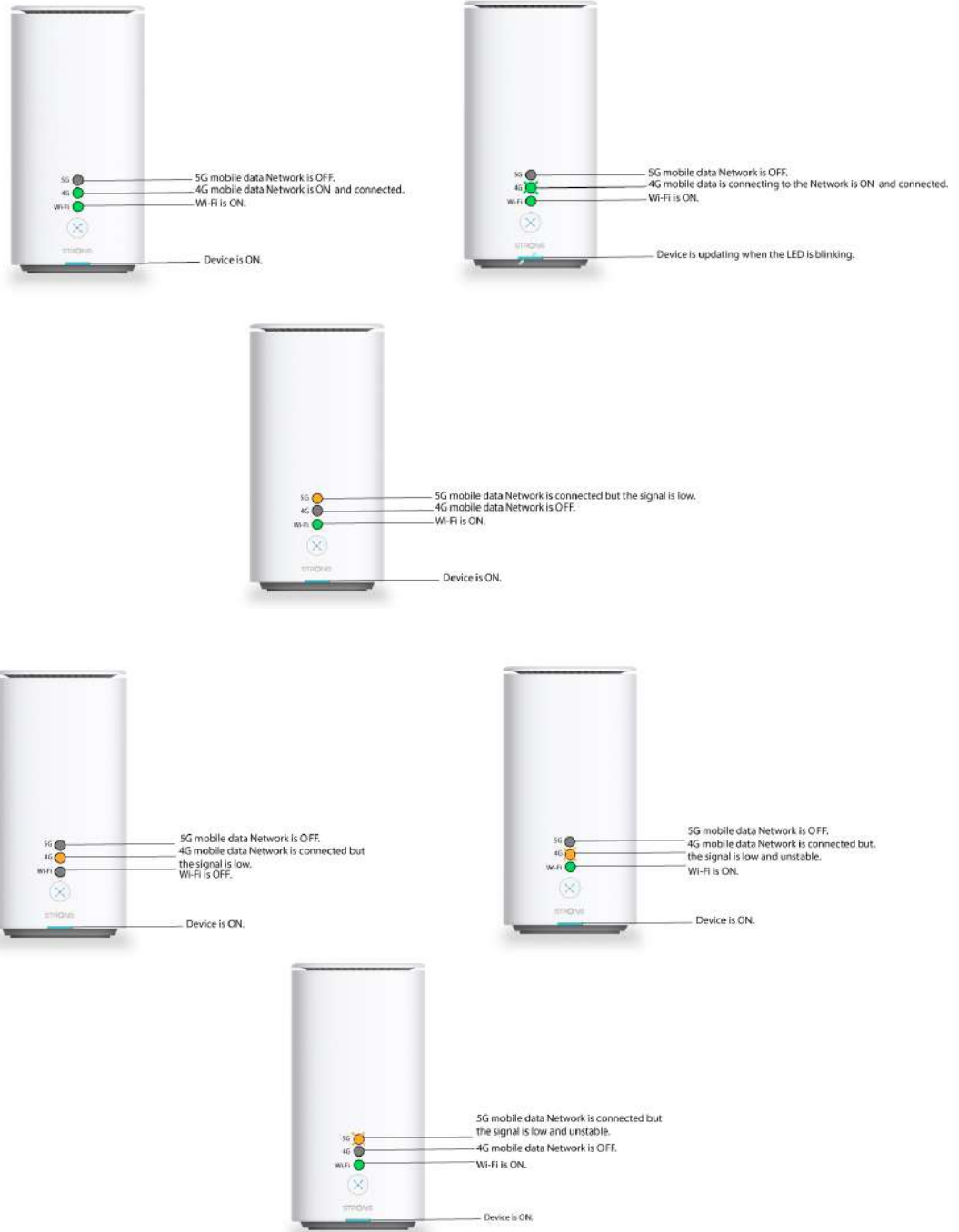
Presentation of the Device and its LEDs

Congratulations, you bought one of our 5G routers, now it is the time to present the device before configuring it for its first use.

The 5G AX 3000 works with a Nano SIM card that must be inserted in the SIM card slot without any adapter. This manipulation must be done before switching on the device. Moreover, for your network to work you might need to unlock the SIM card by entering its pin code in the Web UI, for more information please see, [inserting your SIM card](#) and [entering your PIN code in the Web UI](#).

On the front side of the device, you can see a few LEDs that give you information about the status of the network, Wi-Fi, 5G or 4G and if the device is ON or OFF.

Let's see the different meanings of these LEDs in detail, in the following picture.



Presentation of the Web UI

The Web UI is the place where you can set up advanced parameters for your device but also customize your SSID, password and so much more.

- 1) The Web UI is accessible after connecting to the WI-FI of the device or to the internet connection of the router by using the Ethernet cable and entering the following IP Address in your browser:



2) Once you have entered the password, you can see that the Web UI is organized into different sections:

- a. The first section is located above the top bar menu and provides information the language menu and the logout option.
- b. The second section is the top bar that contains the different menus:

Status: where you can see the information about the device, if it is connected to the network or not, lock by a PIN Code or unlocked, Internet, LAN, wireless connections, the list of connected devices and the USB interface.

Quick Setup: where you can modify the admin password, the WI-FI network information and configure the type of mobile data network.

Network: where you can choose the Up-link mode, set up the APN, enter the PIN code, WAN, LAN, check and manage the traffic, set up the voice configuration and Speed Limit.

WLAN: where you set up the 2.4 GHz and 5GHz WI-FI networks, the WPS, manage the internet access for the different mac addresses, schedule the WI-FI activation and set up the router as a mesh.

Security: where you can set up a firewall, the DoS Settings, URL/MAC filters, IP filters, the parental/service control and the IPv4 and IPv6 Controls.

Application: where you can set up a DNZ, a DDNS, a VPN, UPnP settings, see the SMS received on the SIM card, set up the time zone of the router, and the USB settings.

System Tools: where you can change the login credentials, reboot the device, update the firmware, save and restore a backup, reset to factory settings, manage the LEDs, access the system logs and launch diagnostics for a ping test.

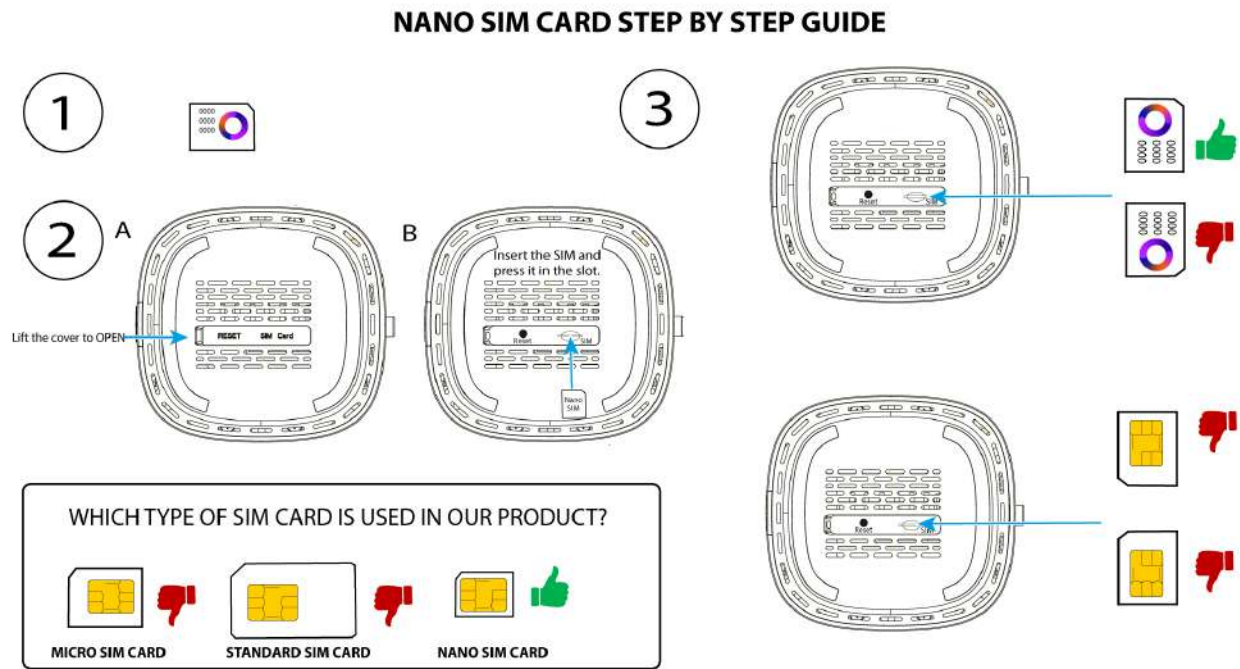
Configuring your Device and Network

Inserting your SIM card

When you are setting up your device, the first step is to insert your SIM card as it is used as the source of your internet connection. A Nano SIM card must be inserted in our device.

If your SIM card is micro or standard, please remove the adapter from the SIM card.

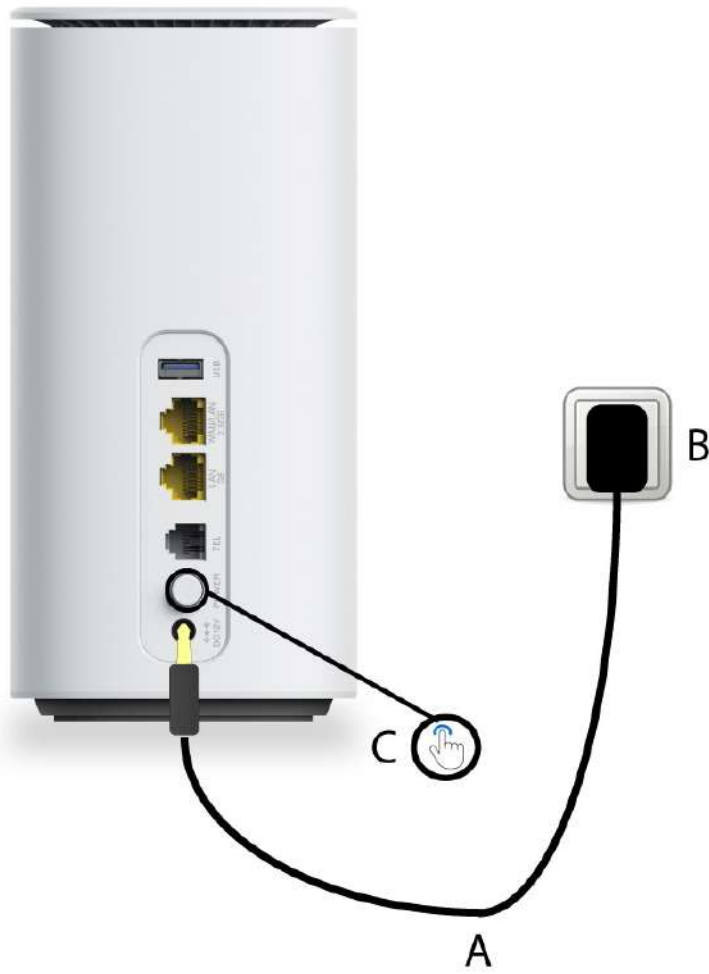
To place your SIM card in the dedicated slot, you must lift the plastic cover. Then your SIM card must be placed as follows:



Once your SIM card is properly inserted you should hear a little click sound, then, put back the cover.

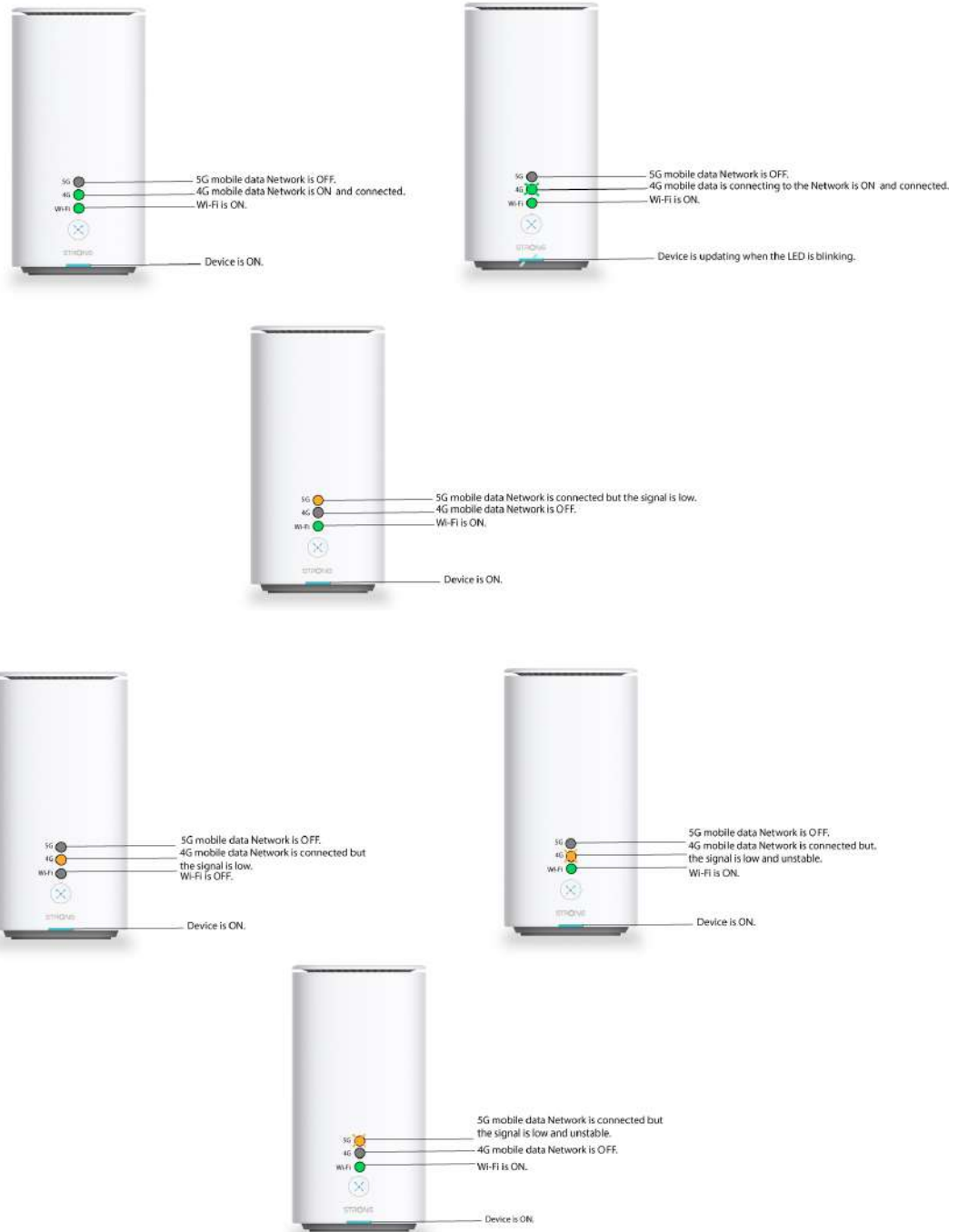
Switching on the device

You must charge the device before using it, to do so, insert the power cable in the DC12V port of the device. Then, plug it in the socket. Then, press the power button at the rear side of the device.



1. After a few seconds, the LEDs located on front of the device should turn on. Check the following image to better understand what each LED means:

5GAX3000- User Guide 9/69



If there is no network detected please check if the SIM Card is properly inserted in the router, when the SIM card is inserted, you should hear a “click” sound. If the connection is still not working, you may need to go to the Web UI and unlock the SIM card.

If the LED at the bottom of the router is not blue, it means that the device does not manage to turn on in this case, please check that the power cable is properly connected to the supply port and to the power outlet of your room.

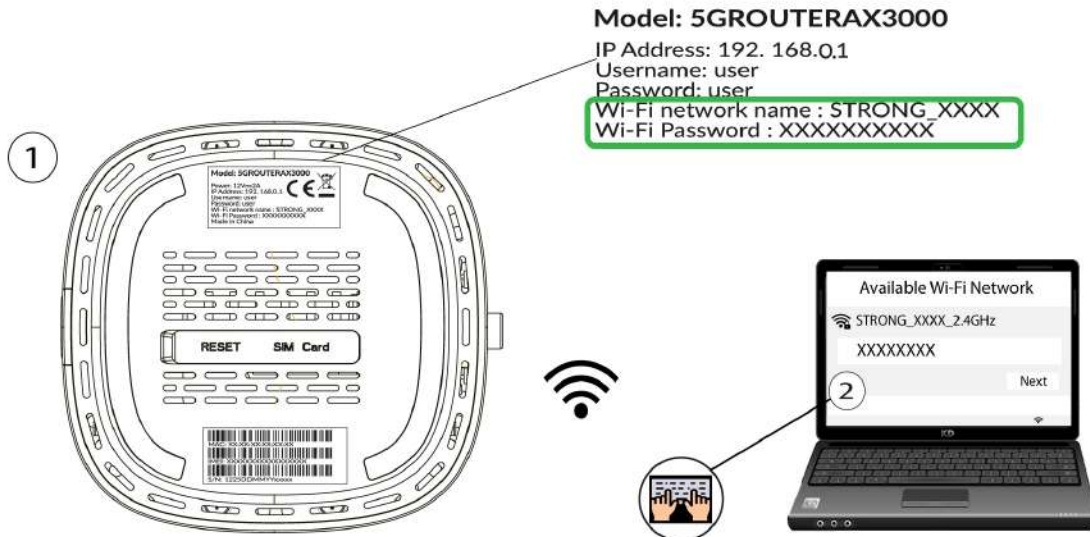
2. In this case, you will need to connect to the Web UI of the device to unlock it. You can either access the Web UI after connecting your computer to the Wi-Fi of the router after typing this IP Address: **192.168.0.1**



Connecting to the Wi-Fi and Accessing the Web UI

You can connect any compatible device to the Wi-Fi of your device and access the Web UI to customize your configuration.

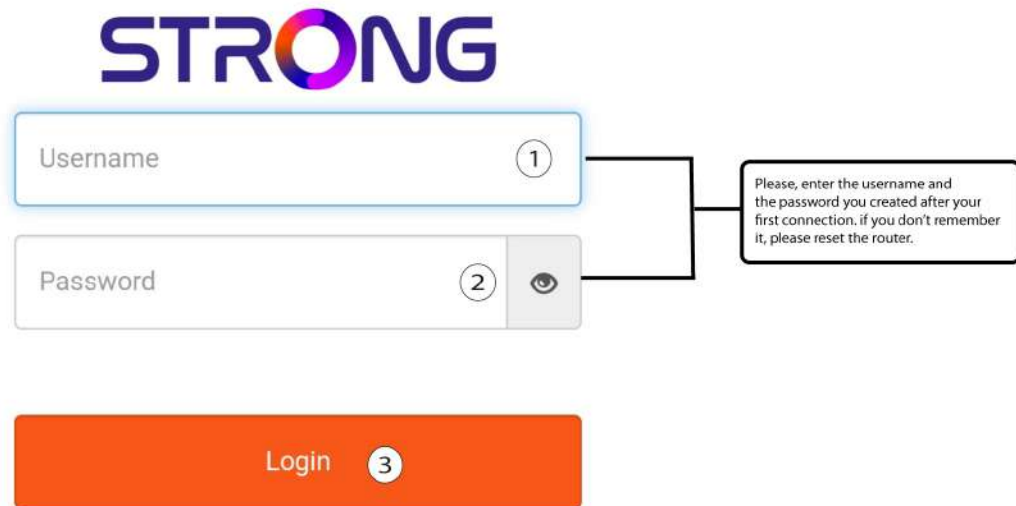
1. To connect to the Wi-Fi, look at the rear side of your router and locate the sticker where the **SSID** and **Password** are written. Then, enter the information in your device.



2. Then enter the following IP address in your browser: **192.168.0.1**



3. A new page opens in which you must enter the **Password** before clicking the **Login** button

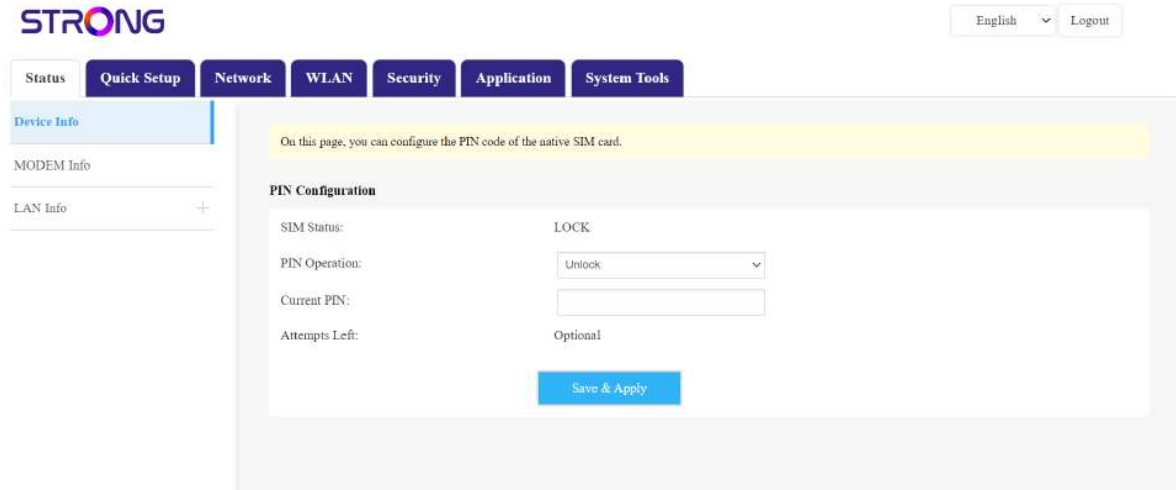


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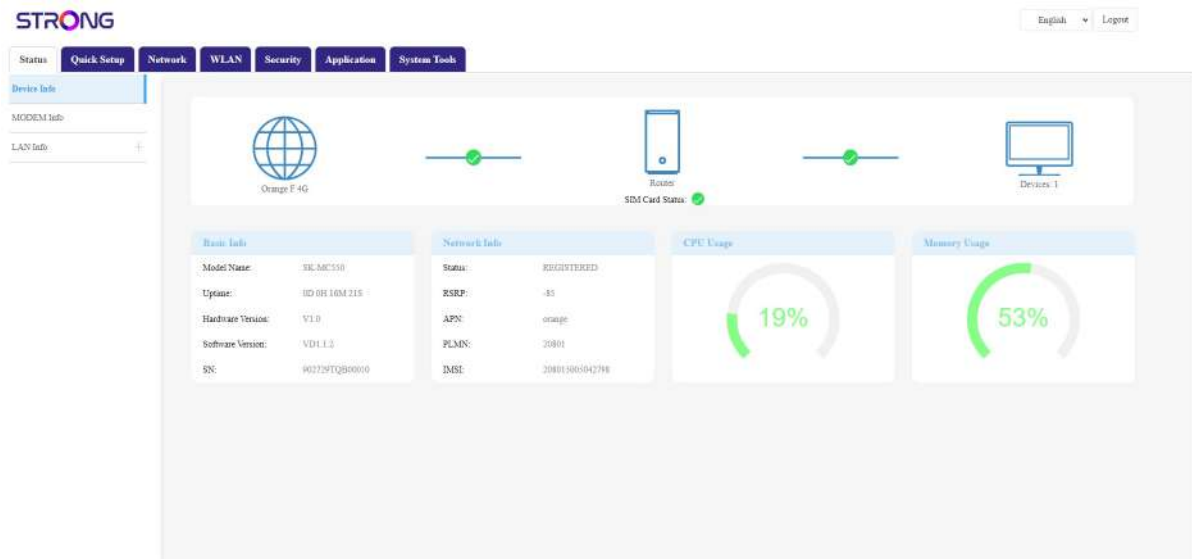
Please note that we strongly advise you to change the admin password. If you decide to change it, your new password must contain at least 8 characters with upper and lower cases, number, and special characters. We strongly suggest using the same password as the one used for the Wi-Fi connection, as this password is unique for your device.

For more information about the process to change your password, please refer to [Changing the administrator password in the Web UI](#).

4. Once you are connected to the Web UI, you will see this home page if the SIM card is locked:



5. If the SIM card is unlocked, then this screen appears:



Changing the administrator password in the Web UI

We strongly recommend updating the administrator password and username once you're connected to the Web UI, and after you set up all the necessary parameters for your device.

ⓘ Please note that we strongly advise you to change the admin password. If you decide to change it, your new password must contain at least 8 characters with upper and lower cases, number, and special characters. We strongly suggest using the same password as the one used for the Wi-Fi connection, as this password is unique for your device.

- To do so, you must connect to the Web UI according to the process described in [Connecting to the Wi-Fi and Accessing the Web UI](#) and then, enter the following information before clicking **Commit**:
 - Edit Password:** Enter the new password (password must have between 8 and 32 characters. It must include lowercase, uppercase, numbers and specials characters [@ \$! % * ? &])
 - Confirm Password:** Enter the same password.

Warning!

Changing the administrator password is strongly recommended. To create a more secure password, use 8 to 32 characters. The value should include uppercase and lowercase letters, numbers, and special characters: @ \$! % * ? &

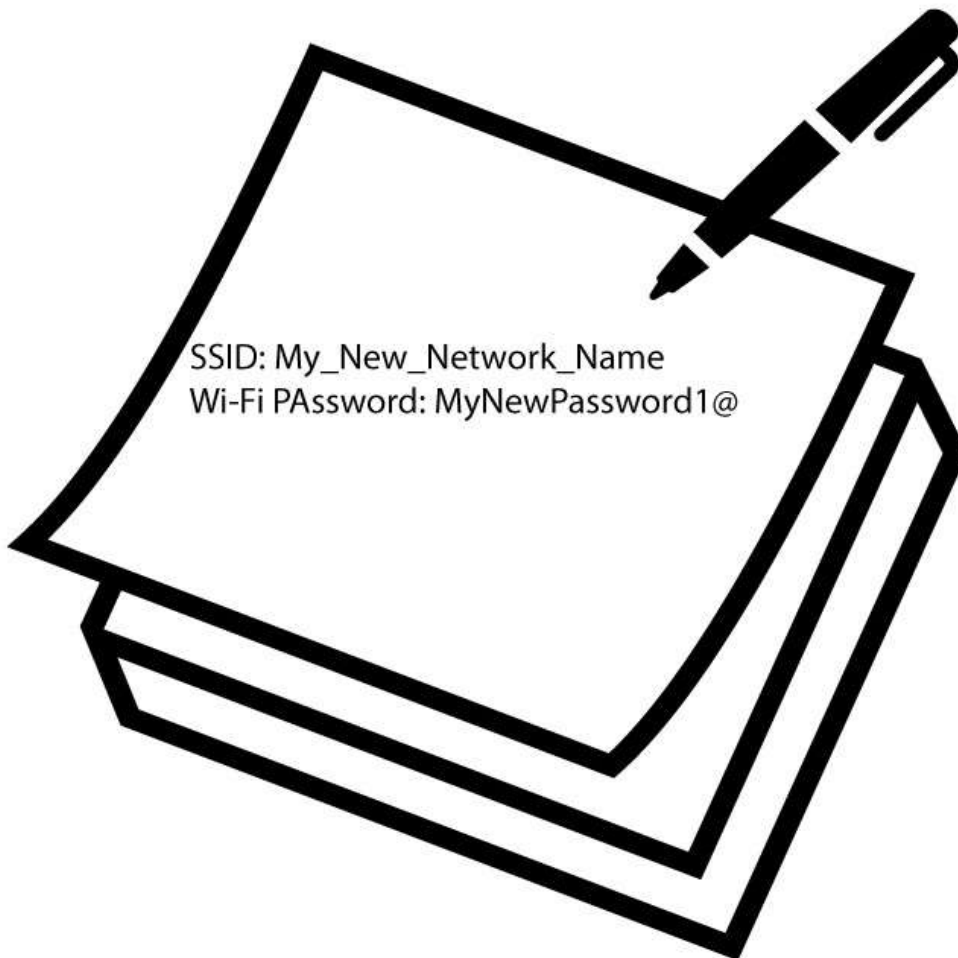
Edit Password:

 ①

Confirm Password:

 ②

 Tips: Write down the new password to access the Web UI.

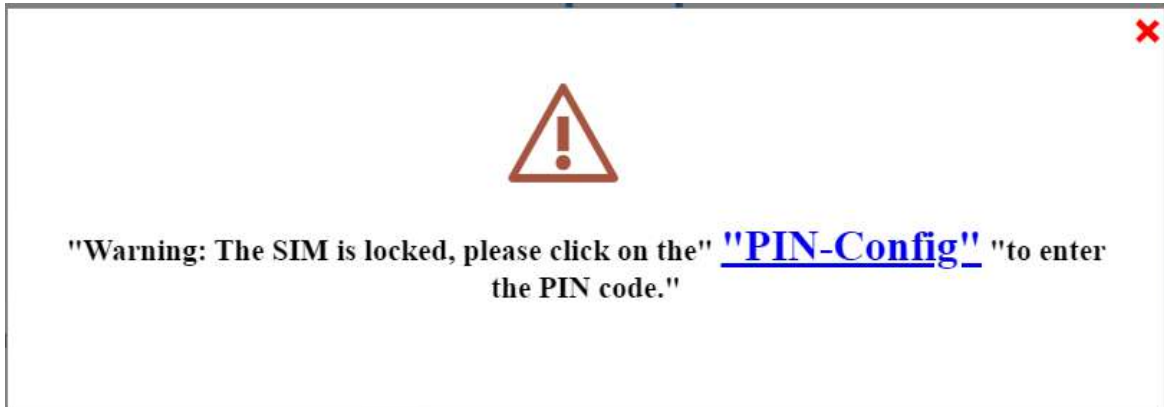


Entering your PIN code in the Web UI

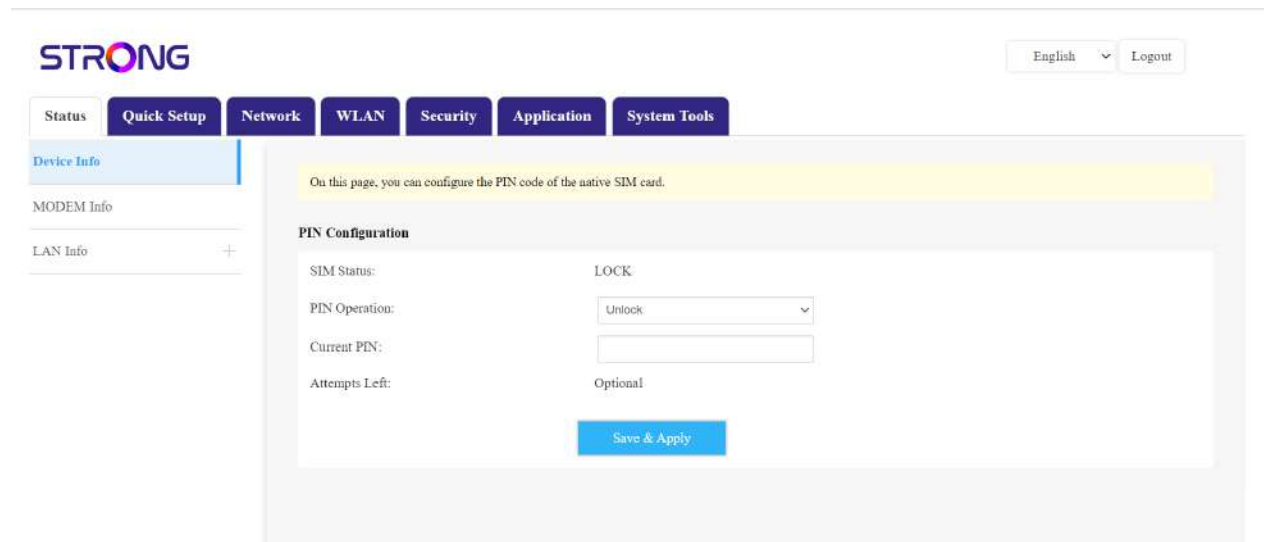
After inserting your sim card and switching on the device, you might need to connect to the Web UI if you notice that the network signal LEDs are not lit or are red, which can indicate that your SIM card is locked by the PIN code and/or not properly detected.

1. In this case, you must [connect to the Wi-Fi of the device and access the Web UI](#).
2. The following message can appear if the SIM card is locked, please click the **"PIN-Config"** Link:

Config" Link:



3. Enter your PIN code in the **Current PIN** field and click **Save & Apply**.



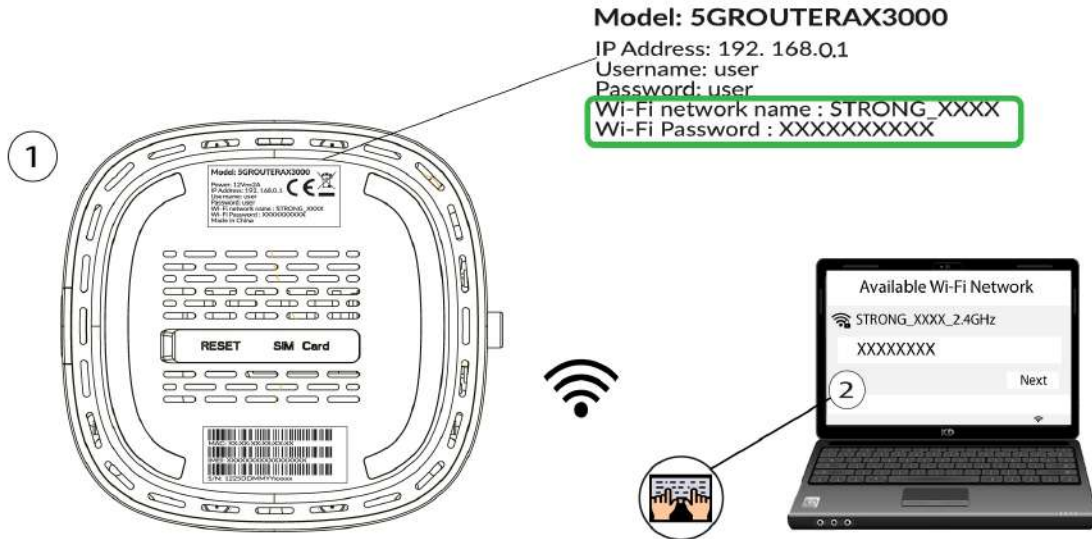
Editing the APN Settings

We recommend editing the APN settings only if you are not receiving any signal from the SIM card inserted in the device, only after checking that the SIM card is properly inserted and unlocked by entering its PIN code in the Web UI. For more information about the way to insert your SIM card, please see [Inserting your SIM card](#). For more information about the procedure to enter your PIN code, please see [Entering your PIN code in the Web UI](#).

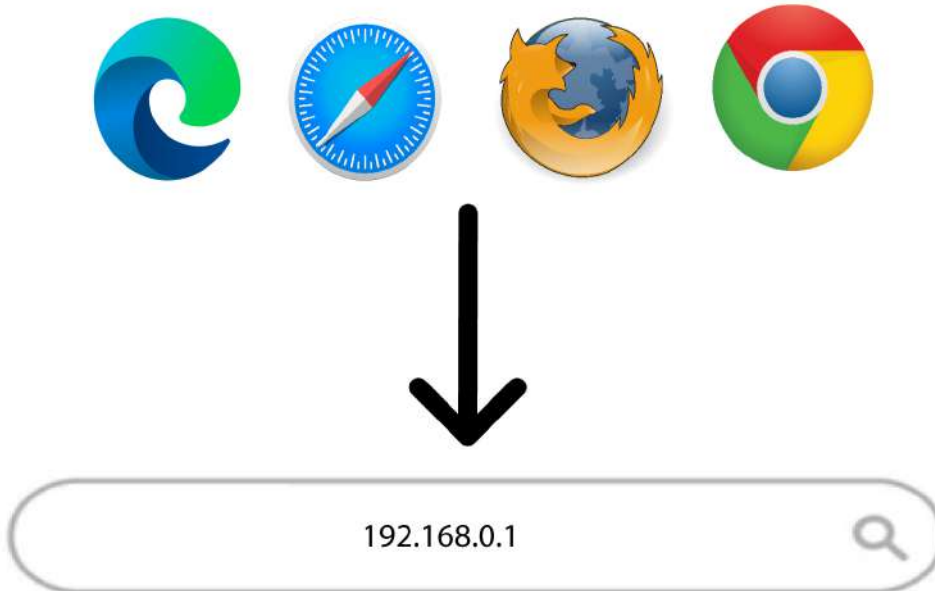
When your SIM card is not automatically recognized by the device you must login the Web UI to check the APN settings and edit them, if necessary. The APN settings of your service provider can be found directly on its website, or you can request them to the support service of your service

provider.

You must connect to the Web UI. To do so, enter the SSID (Wi-Fi Network Name) and Wi-Fi password of the router in your device.



Then, enter the following IP address in your browser: **192.168.0.1**



You must enter the **Username** and the **Password**. Then, click **Login**.



Username 1

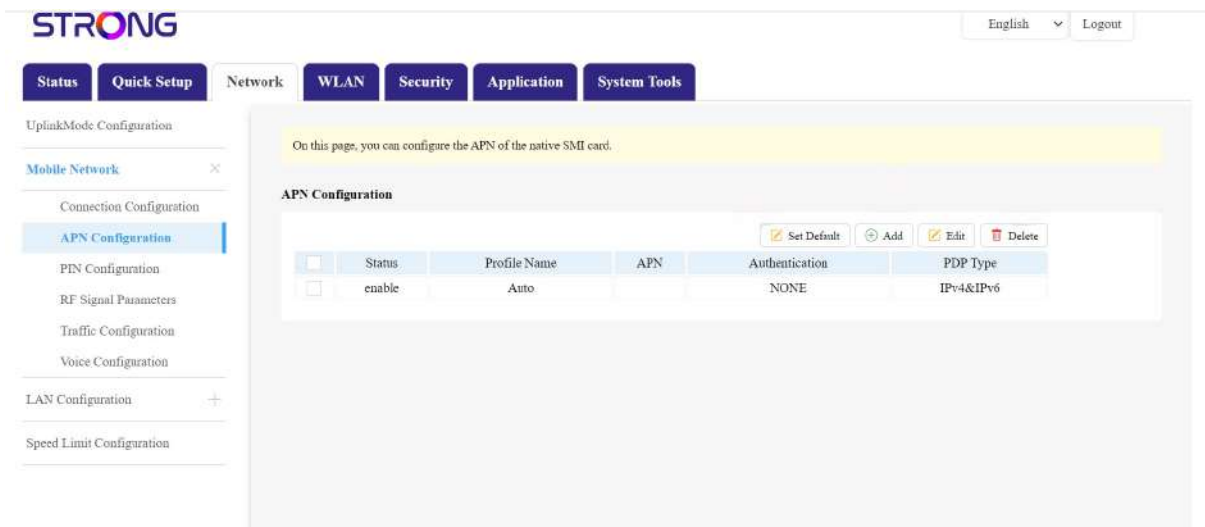
Password 2

Please, enter the username and the password you created after your first connection. if you don't remember it, please reset the router.

Login 3

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Click **Network** in the top bar, **Mobile Network** and **APN Configuration**.



5. Look for the APN settings on your service provider's website. You need to write down the following information:

Status
APN
Profile Name
PDP Type
Authentication

If the information is incorrect, select the right APN and then Edit. Here you can choose the PDP Type among IPv4, IPv6 or IPv4&IPv6.

STRONG English Logout

Status Quick Setup Network **WLAN** Security Application System Tools

UplinkMode Configuration

Mobile Network ×

Connection Configuration

APN Configuration

PIN Configuration

RF Signal Parameters

Traffic Configuration

Voice Configuration

LAN Configuration +

Speed Limit Configuration

On this page, you can configure the APN of the native SMI card.

APN Configuration

Set Default

 Edit

1 <input type="checkbox"/>	Status	Profile Name	APN	Authentication	PDP Type
<input type="checkbox"/>	enable	Auto		NONE	IPv4&IPv6

Edit APN Rule ×

PDP Type:

IPv4&IPv6 ▼

IPv4

IPv6

IPv4&IPv6

7. If you need to add a new APN, click on Add, then enter the following information before clicking Save & Apply:
- PDP Type: select IPv4 as the PDP Type value.
 - Profile Name: enter the name of your service provider.
 - APN: enter the APN address.
 - Authentication Type: Select the Authentication Type defined by your provider for your APN between the following values (NONE, CHAP, PAP)

Add APN Rule ✕

Status:

Profile Name:

APN:

Authentication: ▼

PDP Type: ▼

Save & Apply

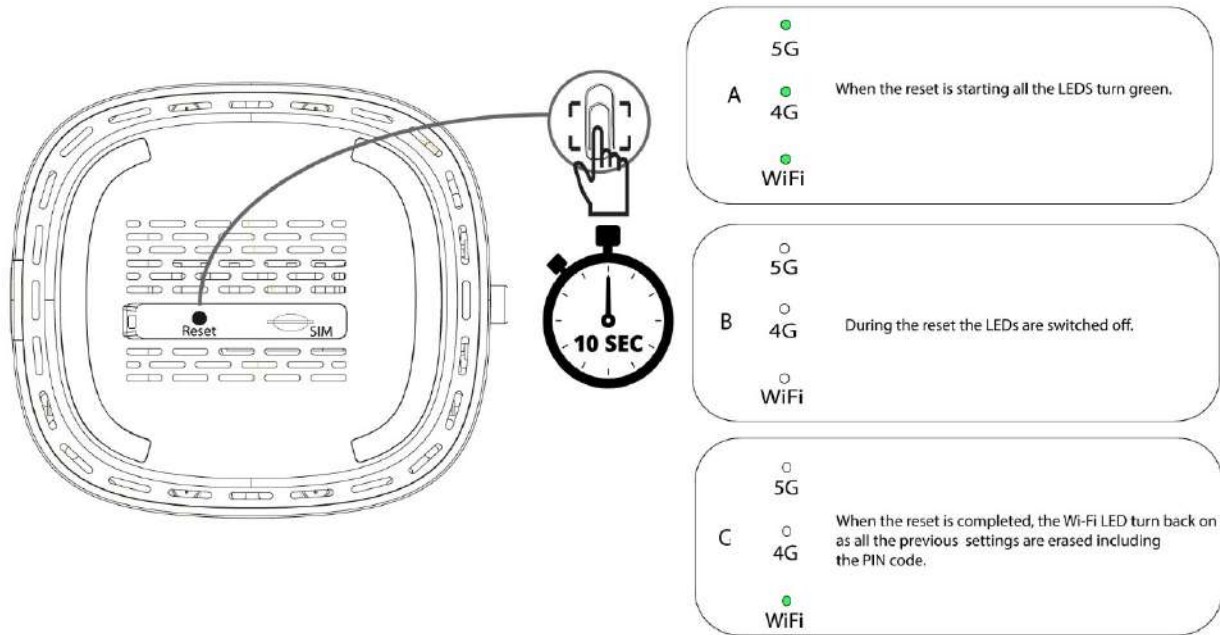
Resetting the device to its factory configuration

Sometimes, it is possible that your device is not working properly and that you don't have internet access. In this case, we suggest resetting your device to its factory settings and updating it afterward if necessary. □

You have two ways to do it; you can reset the device by pressing the reset button or doing it in the WebUI. □

CASE 1: Reset button. □

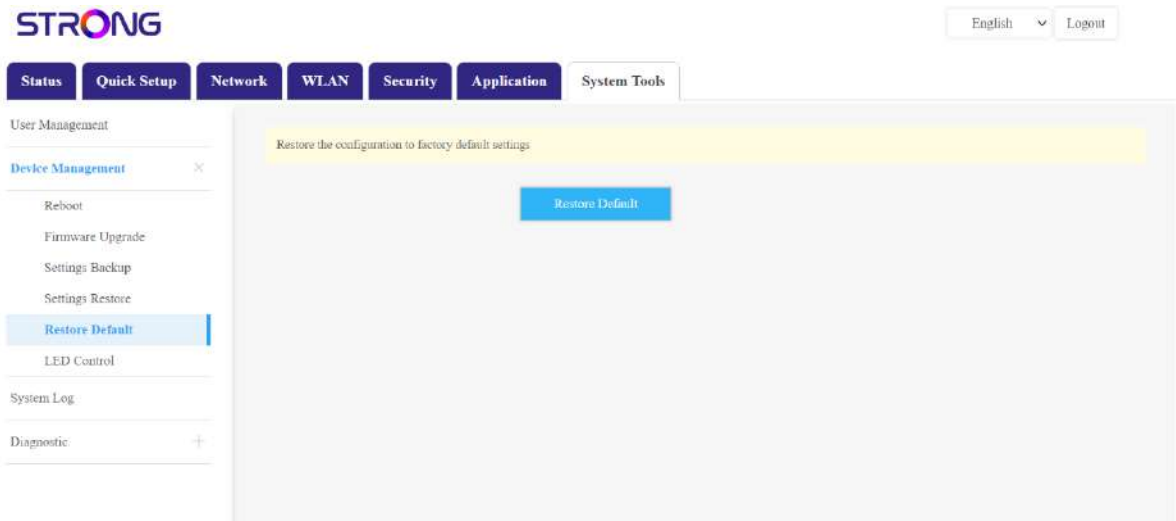
To do so, insert a paper clip in the hole to press the reset button. Press the reset button for 10 seconds.



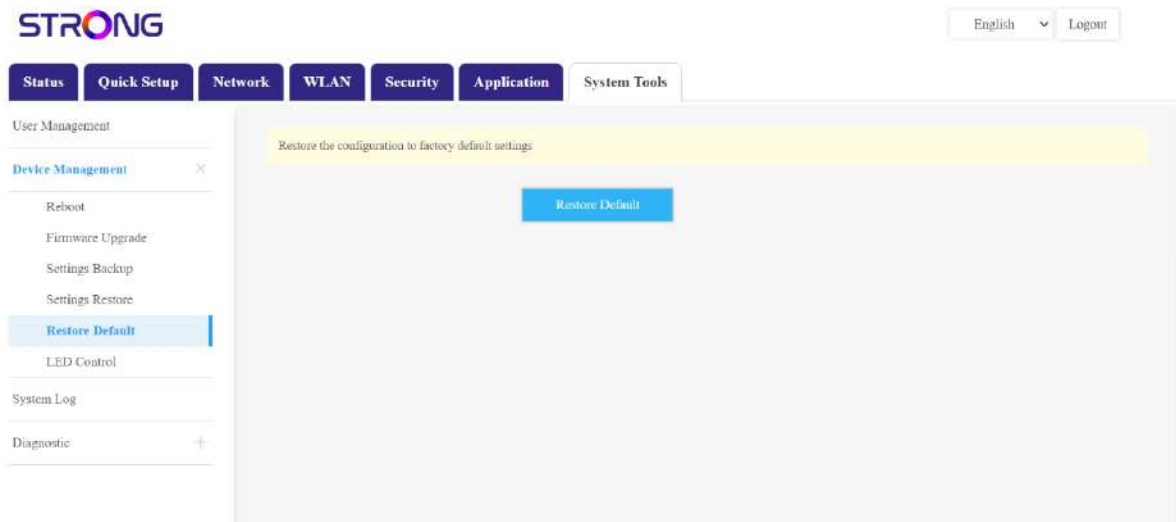
CASE 2: Reset in the Web UI



1. To connect to the Web UI, please see the following procedure: [Connecting to the Wi-Fi and Accessing the Web UI](#)
2. Click **System Tool** in the top bar, then the **Device Management** section and click the **Restore Default** option.



3. Now, simply click the **Restore Default button** to restore the device to its factory settings.



4. Click **OK** in the pop-up message.



Using the Web UI

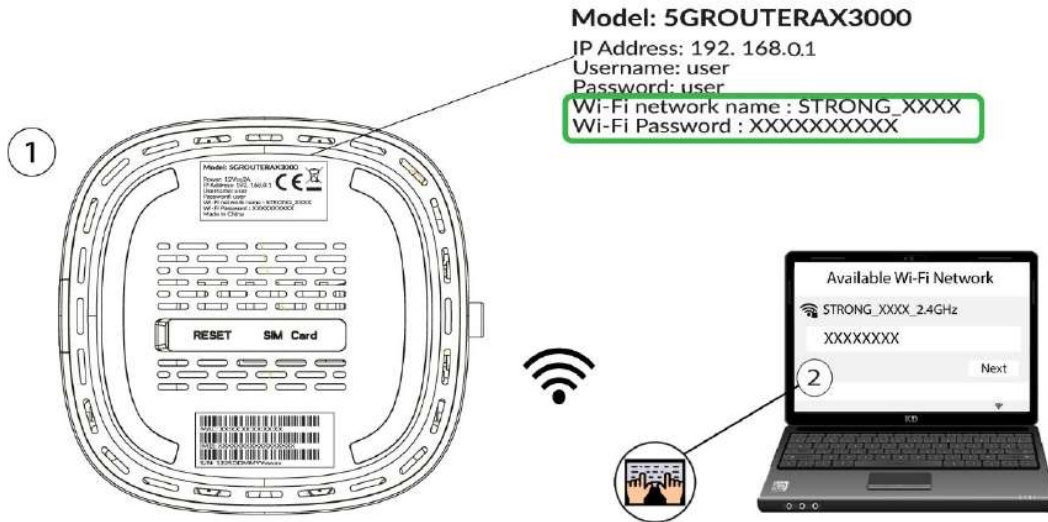
Once you have configured your device and network, you can customize some settings. For instance, you can decide to deactivate/edit your PIN code, edit the SSID and password, and update the firmware.

Disabling your PIN code in the Web UI

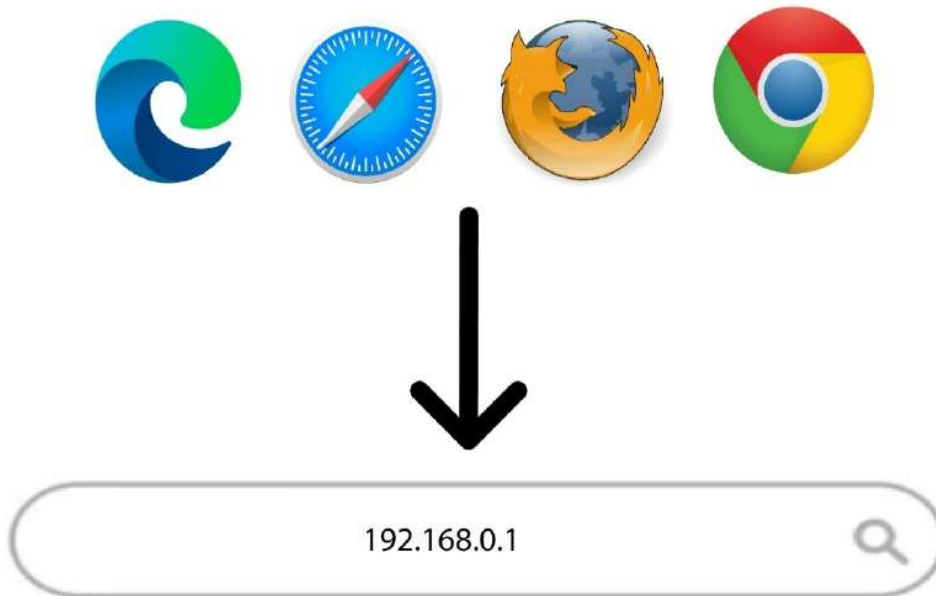
It is possible to deactivate the PIN code of your SIM card in the Web UI.

To do so, follow the procedure below.

1. You must connect to the Web UI. To do so, enter the SSID (Wi-Fi Network Name) and Wi-Fi password of the router in your device.



2. Then, enter the following IP address in your browser: **192.168.0.1**



3. You must enter the **Password**. Then, click **Login**.



Username ①

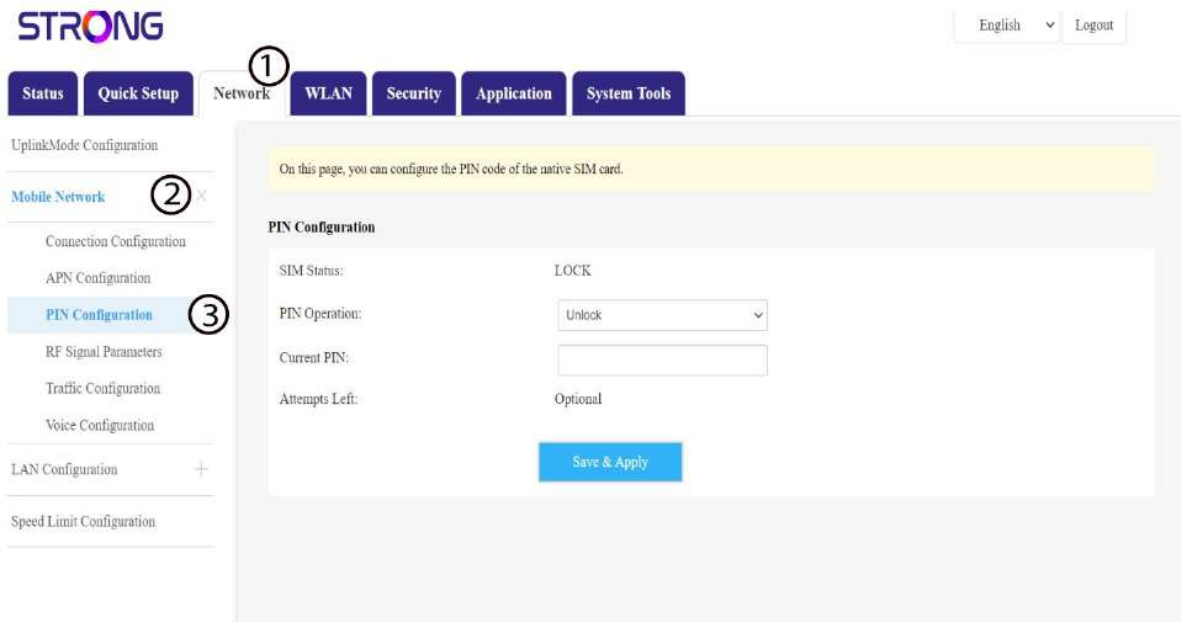
Password ②

Login ③

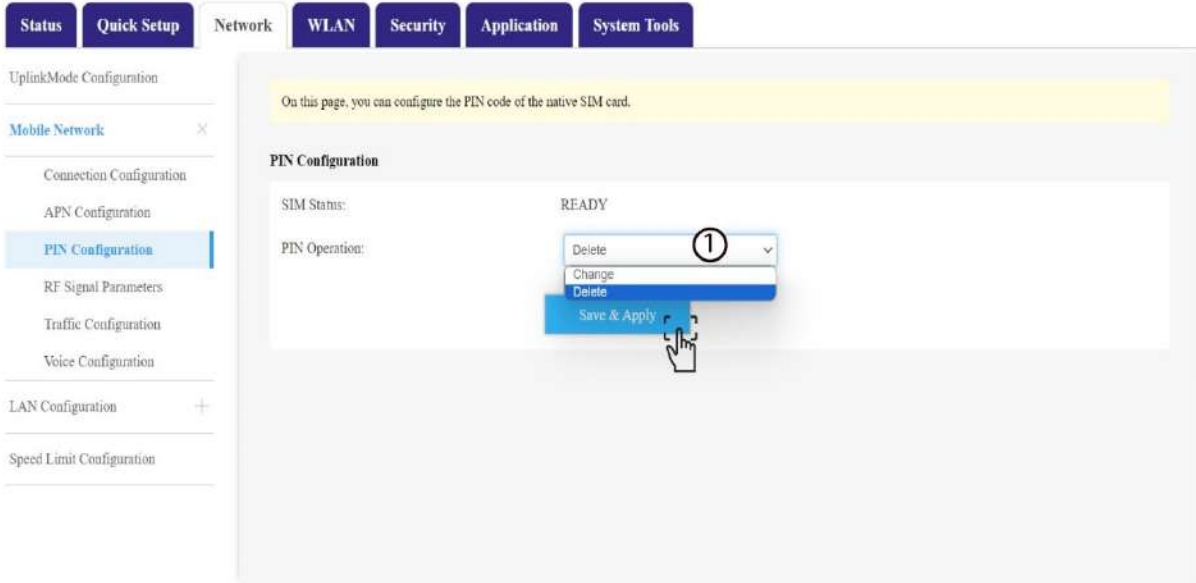
Please, enter the username and the password you created after your first connection. if you don't remember it, please reset the router.

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4. Click in **Network** in the top bar, then on the **Mobile Network** section and on **PIN Configuration**.



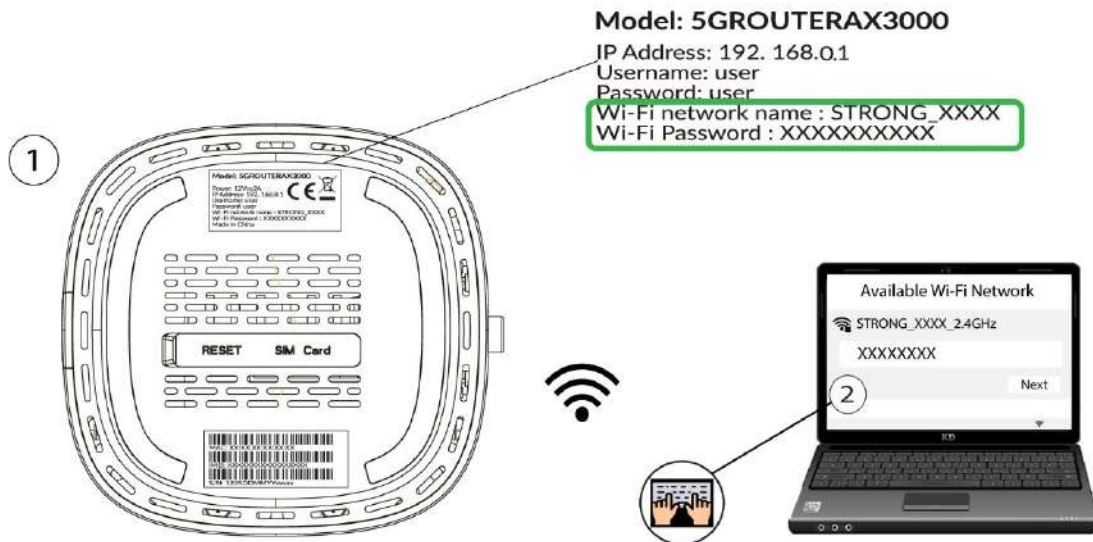
5. Click on the **Change/Delete** toggle and select **delete**, then click on **save & apply**.



Changing the PIN code

It is possible to change the PIN code of your SIM card in the Web UI. To do so, follow the procedure below. You must connect to the Web UI.

To do so, enter the SSID (Wi-Fi Network Name) and Wi-Fi password of the router in your device.



Then, enter the following IP address in your browser: **192.168.0.1**



You must enter the **username** and **password**. Then, click **Login**.

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Username 1

Password 2 

Login 3

Please, enter the username and the password you created after your first connection. if you don't remember it, please reset the router.

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Click Network in the top bar, then **Mobile Network** and on **PIN Configuration**.

STRONG

English Logout

Status Quick Setup Network **WLAN** Security Application System Tools

UplinkMode Configuration

Mobile Network **2**

Connection Configuration

APN Configuration

PIN Configuration 3

RF Signal Parameters

Traffic Configuration

Voice Configuration

LAN Configuration +

Speed Limit Configuration

On this page, you can configure the PIN code of the native SIM card.

PIN Configuration

SIM Status: LOCK

PIN Operation: Unlock

Current PIN: []

Attempts Left: Optional

Save & Apply

Now in the **Change PIN** section, enter your new PIN code and click on **Save & Apply**.

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English Logout

Status Quick Setup Network **WLAN** Security Application System Tools

UplinkMode Configuration

Mobile Network

Connection Configuration

APN Configuration

PIN Configuration

RF Signal Parameters

Traffic Configuration

Voice Configuration

LAN Configuration +

Speed Limit Configuration

On this page, you can configure the PIN code of the native SIM card.

PIN Configuration

SIM Status: READY

PIN Operation: Change

Change PIN: **1** 1234

Save & Apply

Warning: Please write down the new PIN code of your SIM Card on a piece of paper or a sticker with its PUK code. When your SIM Card is locked after entering a wrong PIN Code after the three attempts, you must enter the PUK code before resetting your PIN code. The PUK code is generally written on the SIM cardholder given by your service provider.

Changing the SSID (Wi-Fi Network Name) and password

After setting up your device and connecting to it for the first time, it is possible for you to change the SSID, also known as the name of your Wi-Fi Network and its password.

Warning: Please write down the new PIN code of your SIM Card on a piece of paper or a

sticker with its PUK code. When your SIM Card is locked after entering a wrong PIN Code after the three attempts, you must enter the PUK code before resetting your PIN code. The PUK code is generally written on the SIM cardholder given by your service provider.

To change the SSID and/or password of your network, you must connect to the device Wi-Fi or Internet connection by following one of these procedures:

[Connecting to the Wi-Fi and Accessing the Web UI](#)

CASE 1: Using the Quick Setup:

In the Web UI, the Quick Setup enables you to change the information of your network: its SSID (Wi-Fi Network Name) and Wi-Fi password.

1. To do so, click **Quick Setup** in the top bar. Then, in the **Wi-Fi Configuration** section, enter the following information before clicking **Save & Apply**:
 - SSID: Enter a new network name for your Wi-Fi.
 - WPA Passphrase: Enter a new password for your Wi-Fi Network.

The screenshot shows the 'Quick Setup' page in the device's web interface. At the top, there is a navigation bar with tabs for 'Status', 'Quick Setup', 'Network', 'WLAN', 'Security', 'Application', and 'System Tools'. The 'Quick Setup' tab is selected. Below the navigation bar, there is a yellow banner with the text: 'On this page, you can configure your WEB login password, basic Wi-Fi settings and Modem configurations.' The main content area is divided into three sections: 'User Management', 'Wi-Fi Configuration', and 'Modem Configuration'. In the 'User Management' section, there are two input fields for 'New Password' and 'Confirm Password'. In the 'Wi-Fi Configuration' section, there is a checkbox for 'Band Steering Enable' which is checked. Below it, there are two input fields: 'SSID' with the value 'STRONG_2594' and 'WPA Passphrase' with a masked password. In the 'Modem Configuration' section, there is a dropdown menu for 'Preferred network mode' set to 'Auto' and a checkbox for 'Manual APN Enable' which is unchecked. At the bottom right of the form, there is a blue 'Save & Apply' button. Red circles with numbers 1, 2, and 3 are overlaid on the SSID field, the WPA Passphrase field, and the 'Save & Apply' button respectively, corresponding to the steps in the instructions.

CASE 2: Using the WLAN Settings:

1. To connect to the Web UI, please refer to the following procedures:
[Connecting to the Wi-Fi and Accessing the Web UI](#)
2. Click **WLAN** in the top bar and then the **2.4G** or **5G** section, by default both networks have the same name and password. Then, click **Basic Settings**.

This page is used to configure 5G Wi-Fi basic parameters such as SSID, Channel and Authentication.


5G Wi-Fi Basic Settings

5G Radio Enable:

Primary SSID Enable:

Primary SSID:

Network Authentication:

WPA Passphrase: 

WPA Encryption:

Hide SSID:

Wireless Mode:

Bandwidth:

DFS Channel Enable:

Channel:

[Save & Apply](#)

3. Click on the **eye icon** to show the hidden password and enter the following information before clicking **Save & Apply**:

- Enter the new network name in **Primary SSID**.
- Enter the new Wi-Fi password in **WPA Passphrase**

This page is used to configure 5G Wi-Fi basic parameters such as SSID, Channel and Authentication.

5G Wi-Fi Basic Settings

5G Radio Enable:

Primary SSID Enable:

Primary SSID: ①

Network Authentication:

WPA Passphrase: ②

WPA Encryption:

Hide SSID:

Wireless Mode:

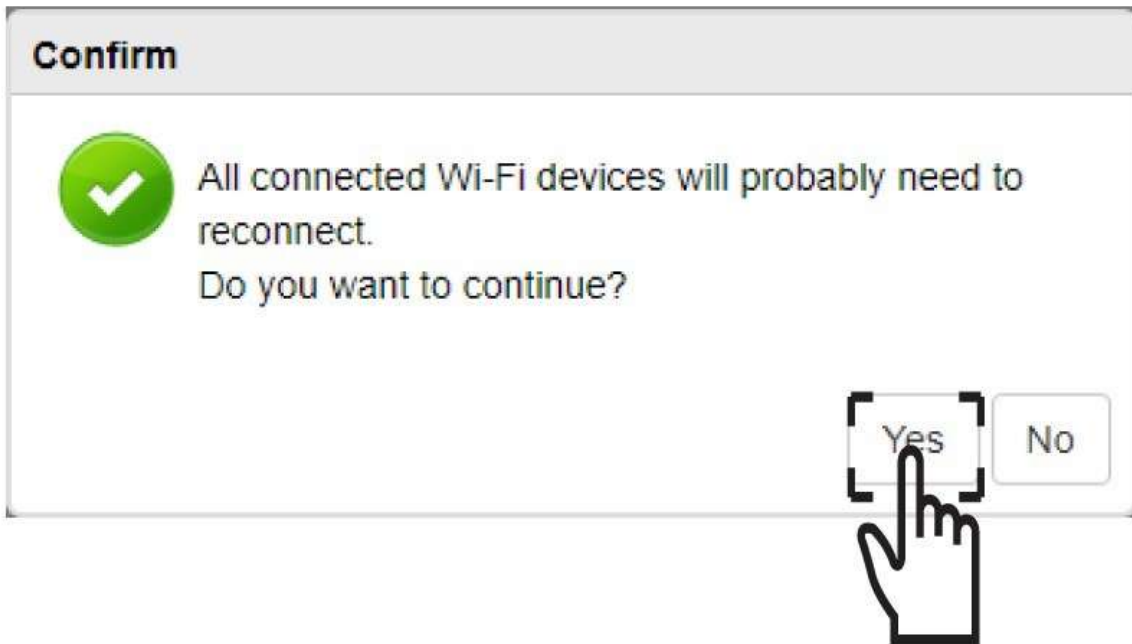
Bandwidth:

DFS Channel Enable:

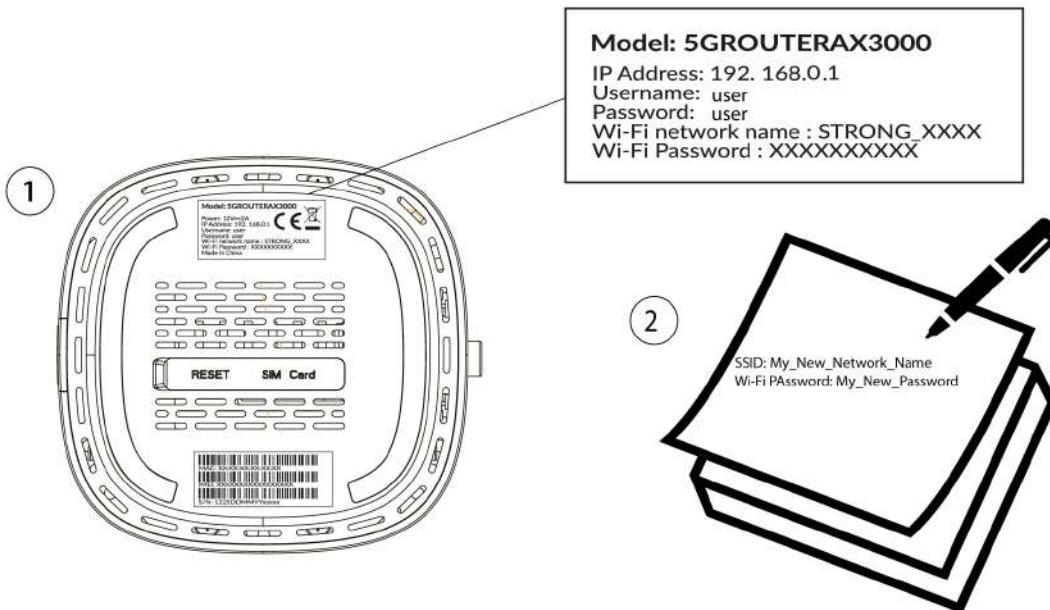
Channel:


[Save & Apply](#) ③

4. In the pop-up message click **Yes** to apply your changes.



5. Write down the new network information on a piece of paper.



 **Warning:** After changing the Wi-Fi network information all the devices that were connected to the network will be automatically disconnected.

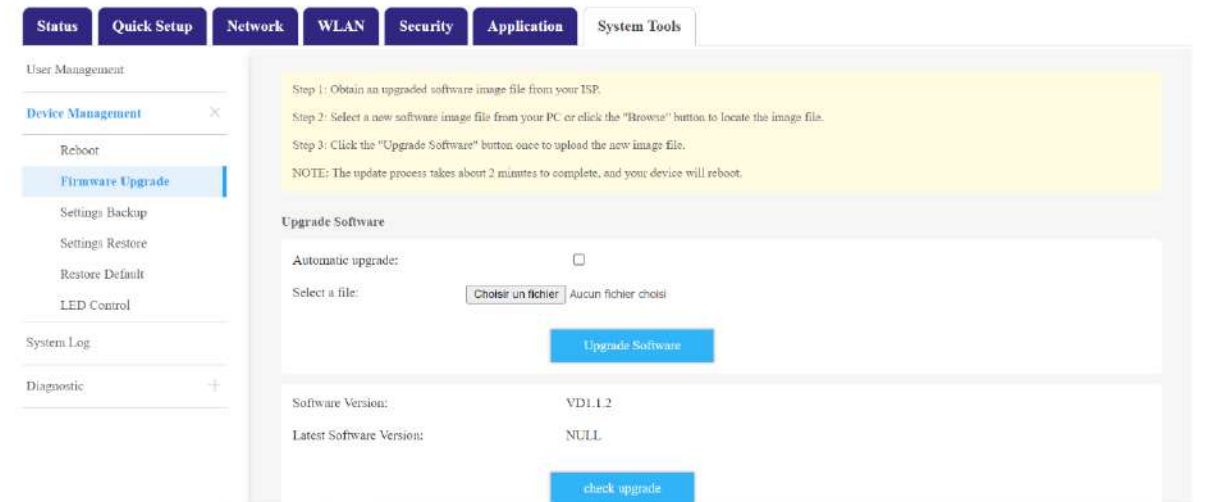
Updating the device Firmware

If you notice that your device does not recognize your SIM card properly or that the user interface is not available in your language when connecting to the UI for the first time. Please check the

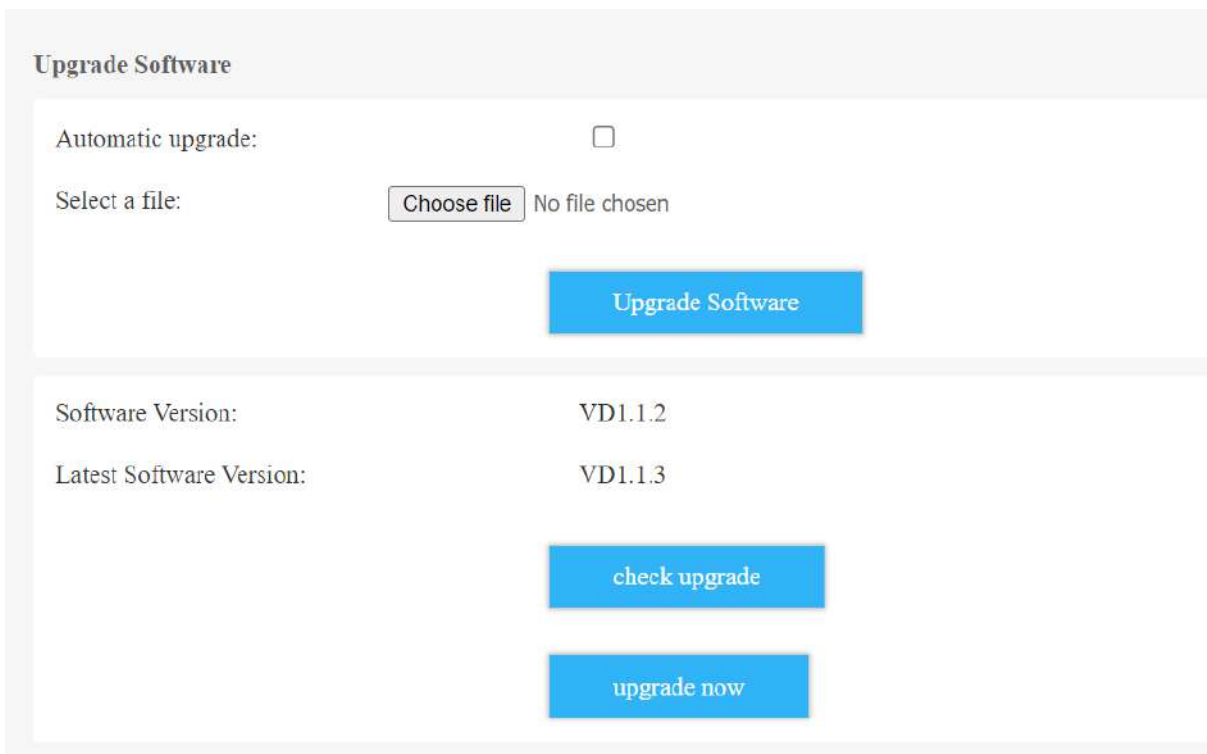
firmware version used by your device by using the online upgrade option in the Web UI. By doing so, the latest firmware version will be installed.

1.

- To do so, connect to the Web UI, please follow on these procedures:
 - [Connecting your Device with an Ethernet Cable and Accessing the Web UI](#)
 - [Connecting to the Wi-Fi and Accessing the Web UI](#)
- Click **System Tools**, select **Device Management** and **Firmware Update**.



- Click the check box next to automatic upgrade and then the Check upgrade button. If there is a new version , the upgrade now button will be displayed.




- Click the upgrade now button and wait for the upgrade process to end.

Step 1: Obtain an upgraded software image file from your ISP.

Step 2: Select a new software image file from your PC or click the "Browse" button to locate the image file.

Step 3: Click the "Upgrade Software" button once to upload the new image file.

NOTE: The update process takes about 2 minutes and requires a reboot.



Upload software is in progress. Please wait for a minute.

Upgrade Software

Automatic upgrade:

Select a file: No file chosen

Software Version:	VD1.1.2
Latest Software Version:	VD1.1.3

Customized Settings

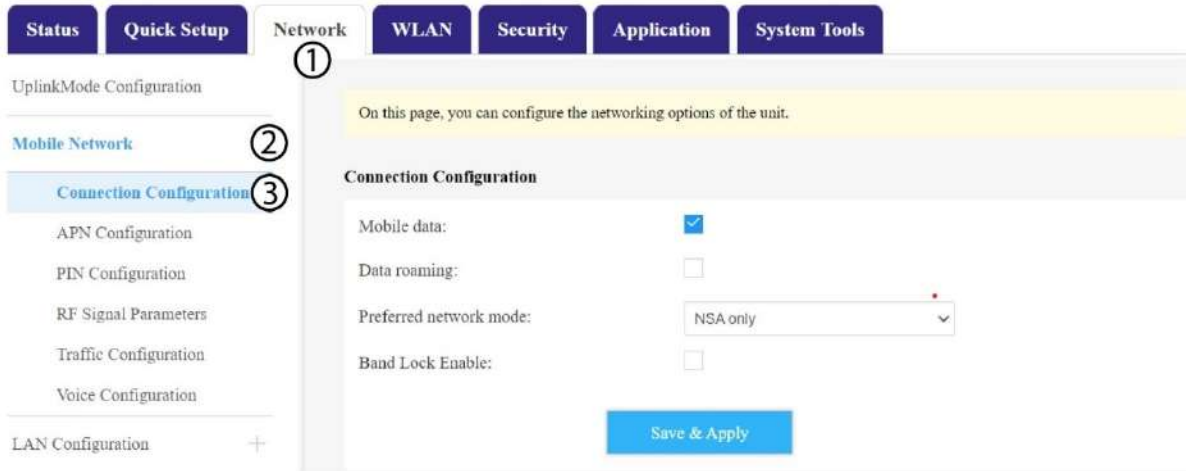
Network

Mobile Network

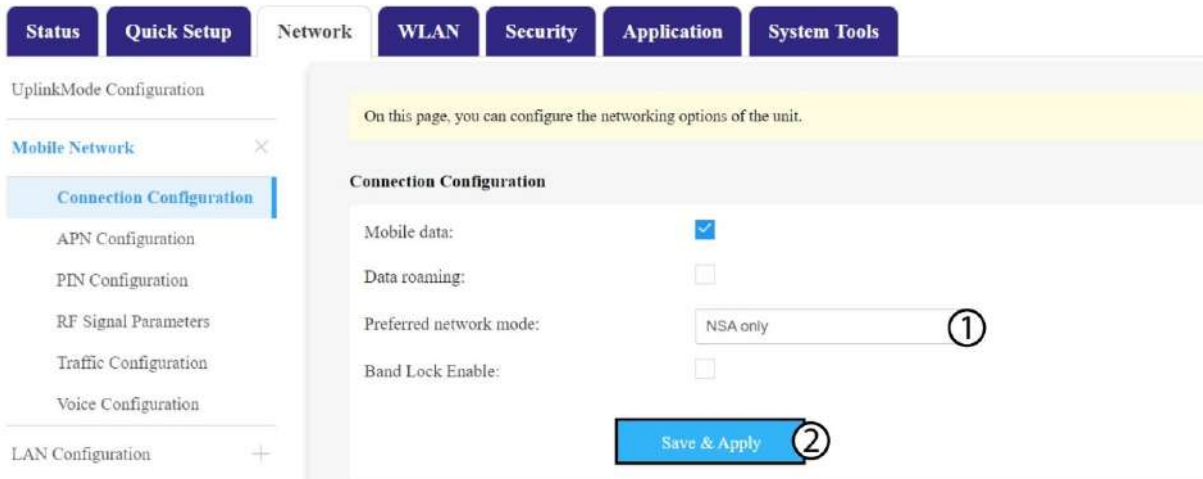
Connection configuration

You can choose the type of mobile network that you want to use.

1. To do so, click **Network** and **Mobile Network**. Then, select **Connection Configuration**.



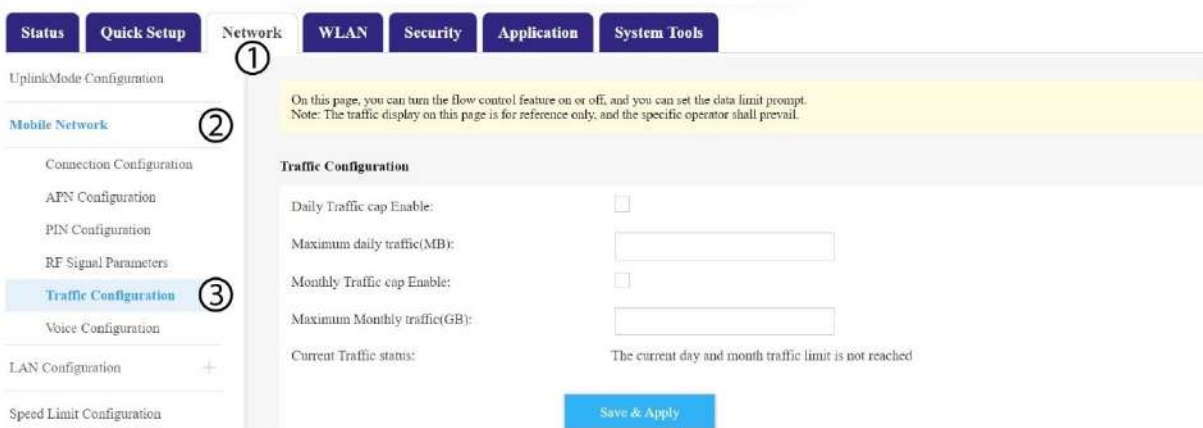
- In the **Preferred network mode** list, select the value (NSA is used for 5G networks, **LTE** is used for 4G Networks, **Auto** mode makes you switch to the best available network type) and click **Save & Apply**.



Traffic Configuration

You can set up the maximum traffic of your network.

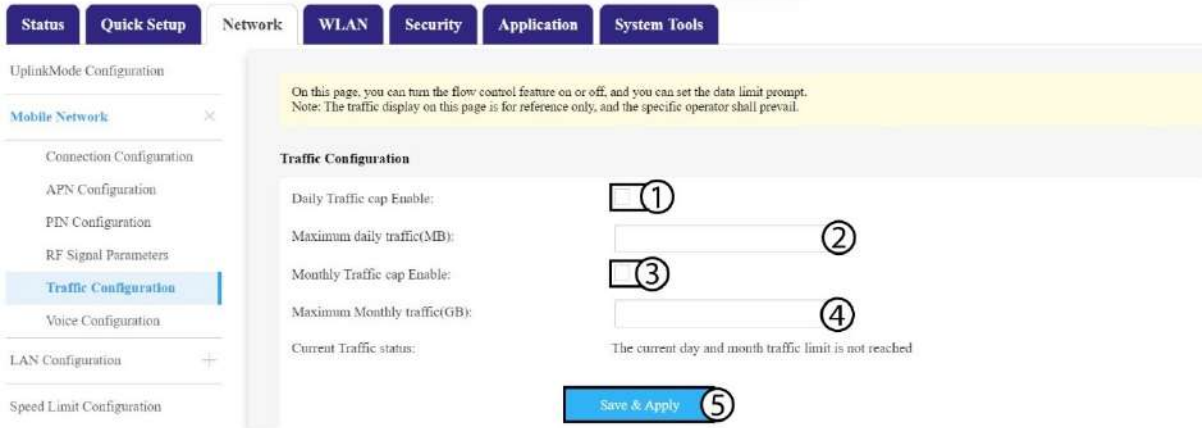
- To do so, click **Network** and **Mobile Network**. Then, select **Traffic Configuration**.



2.

2. Enter the following information before clicking **Save & Apply**:

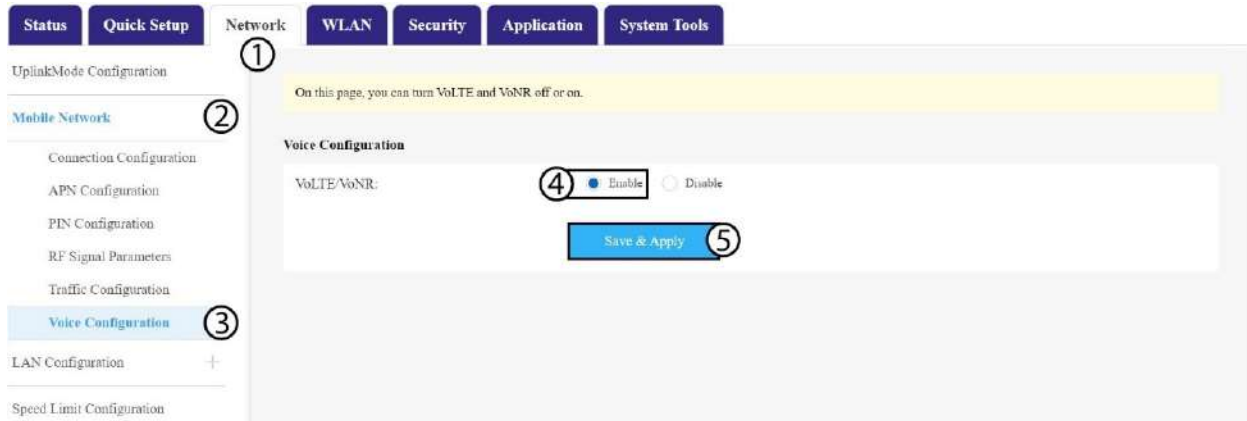
- **Maximum Daily traffic (MB)** : Enter the maximum limit in MB for the daily traffic. Check the **Daily Traffic cap Enable** box.
- **Maximum Monthly traffic (MB)**: Enter the maximum limit in MB for the monthly traffic. Check the **Monthly Traffic cap Enable** box.



Voice Configuration

You can set up the Voice parameters of your router.

To do so, click **Network** and **Mobile Network**. Then, select **Voice Configuration**. Check the **Enable** button and click **Save & Apply**.

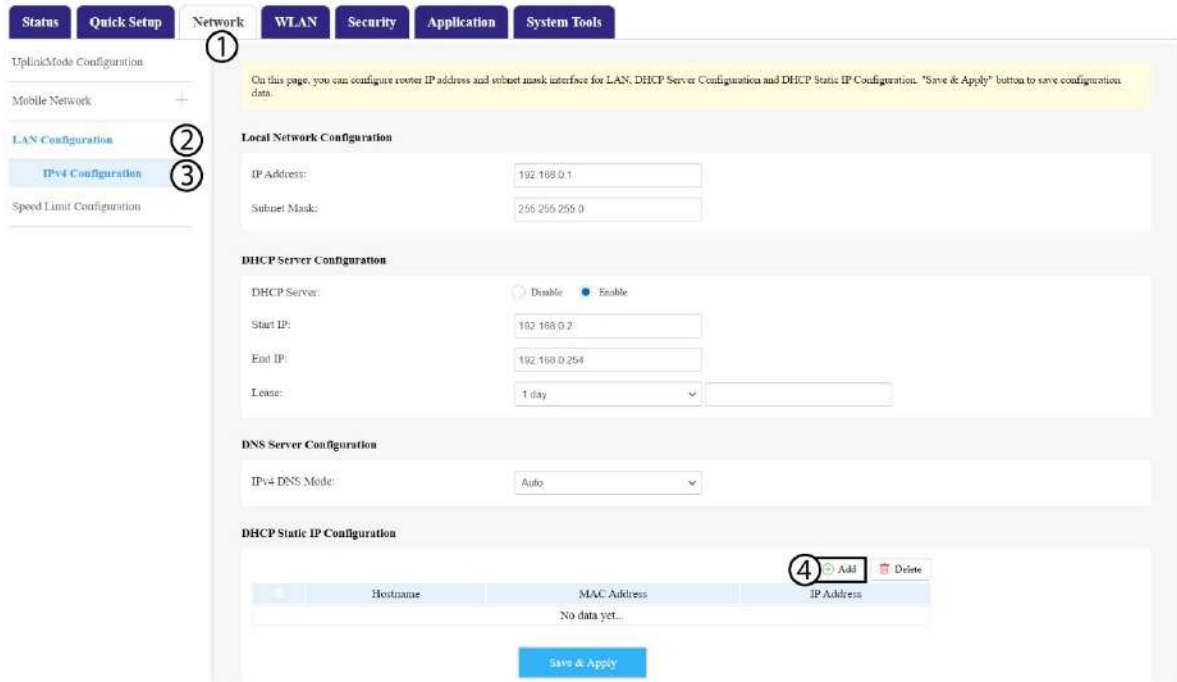


LAN Configuration

IPv4 Configuration

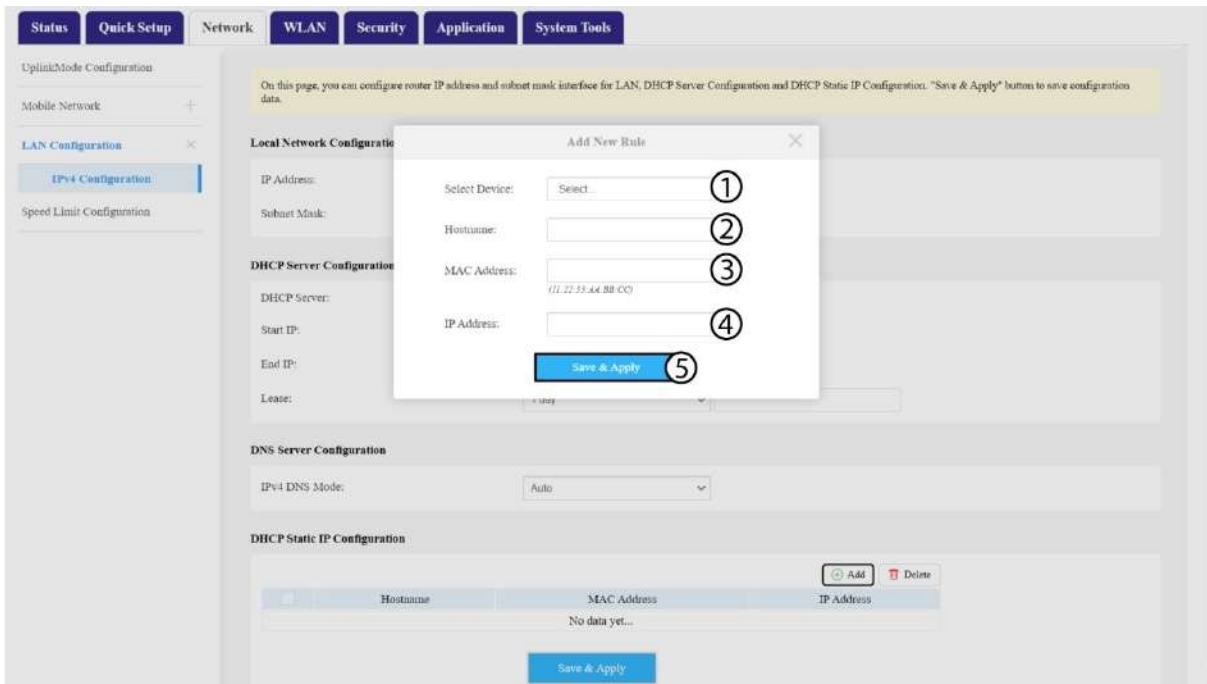
You can set up a static IP Address for your devices or router.

1. To do so, click **Network** and **LAN Configuration**. Then, select **IPv4 Configuration**. In the **DHCP Static Configuration** section, click **Add**.



2. Enter the following information before clicking **Save & Apply**:

- **Select Device:** Select the device name from the list.
- **Hostname:** The field is automatically populated with the device name.
- **MAC Address:** The field is automatically populated with the device IP Address.
- **IP Address:** A new IP Address is automatically assigned to the device.



Speed Limit Configuration

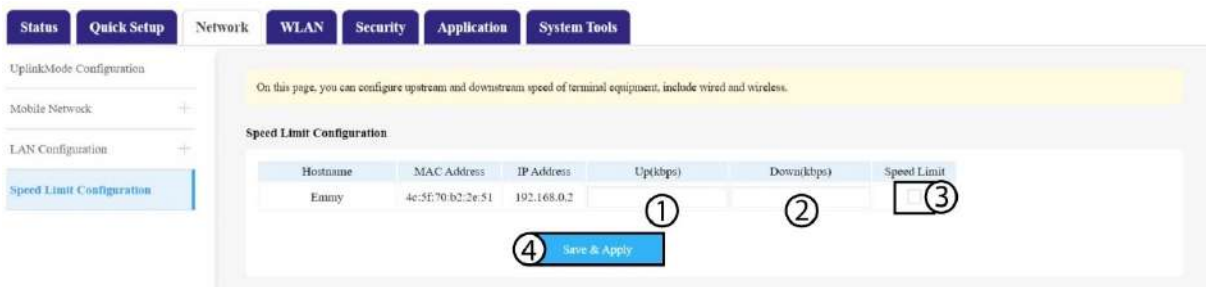
You can set up the speed limit for the different devices connected to your network.

1. To do so, click **Network** and **Speed Limit Configuration**.



2. Enter the following information before clicking **Save & Apply**:

- **Up (Kbps):** Enter the maximum up speed limit.
- **Down (Kbps):** Enter the maximum down speed limit.
- **Speed Limit:** Check the box to activate the rule.



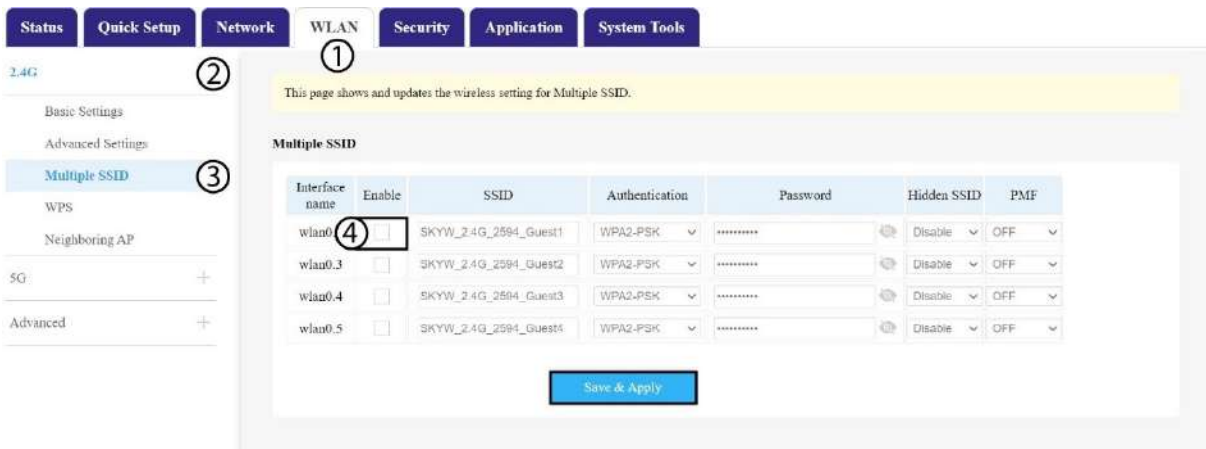
WLAN

2.4 G

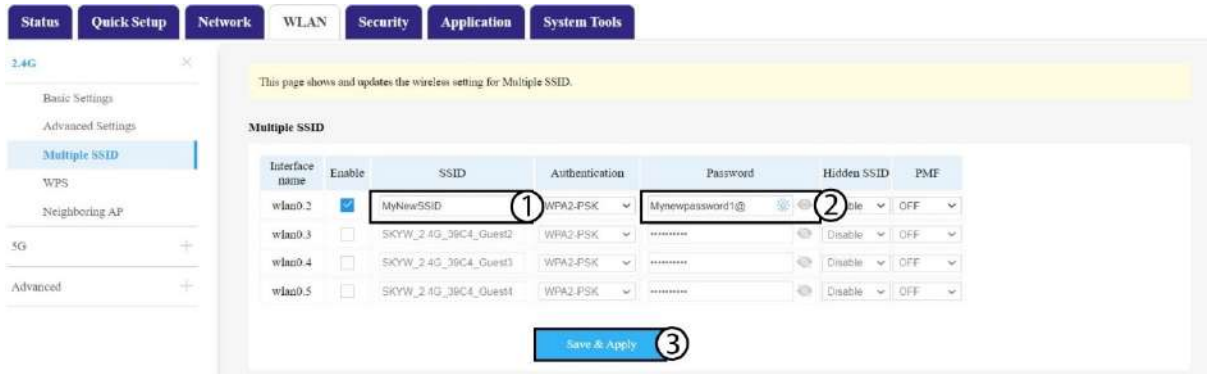
Multiple SSID

You can use this setting if you need to have several SSIDs on your network.

1. To do so, click **WLAN, 2.4G** and **Multiple SSID**. Then, check the **enable** box next to the name of the SSID that you want to activate.



2. Enter a New **SSID** and **Password** (click the eye icon to display the password) and click **Save & Apply**.



3. Write down the new network information on a piece of paper.



WPS

You can set up the WPS connection method that you want to use. We advise to use the PBC method, once you clicked the button in the UI your devices can connect automatically (Computers).

1. To do so, click **WLAN** and **WPS**. Then click the **PBC Connect** button.



2. When the WPS is activated the Wi-Fi LED starts blinking.



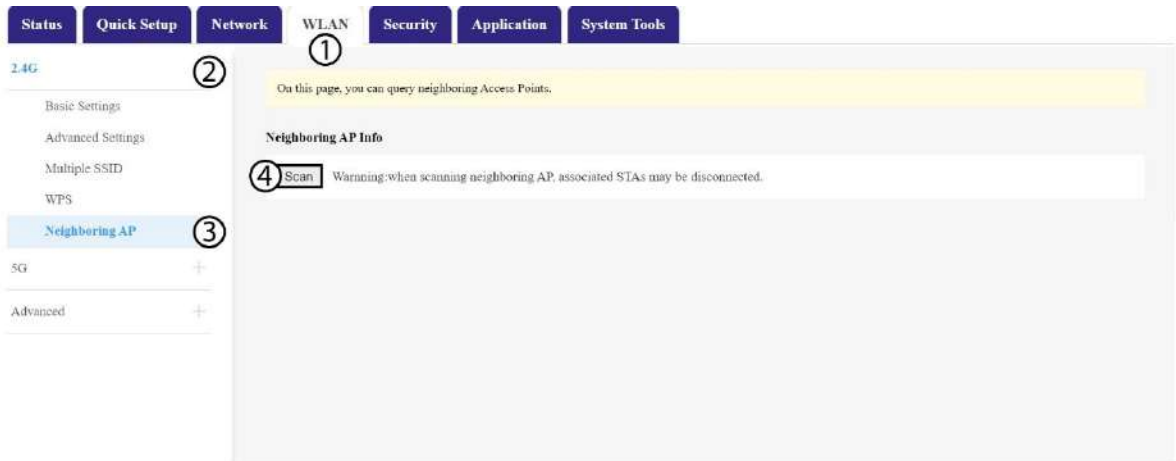
3. In your device settings, select the Wi-Fi network and press the connect button.



Neighboring AP

You can launch a scan to detect all the access points that are near your Wi-Fi network.

1. To do so, click **WLAN** and **Neighboring AP**. Then, click the **Scan** button.



- You will get the list of the neighboring access point as well as the channel they are using. If you notice interference in Wi-Fi Networks, please select a channel value that is different from the one displayed for the other networks. This setting is available in the [basic settings](#).

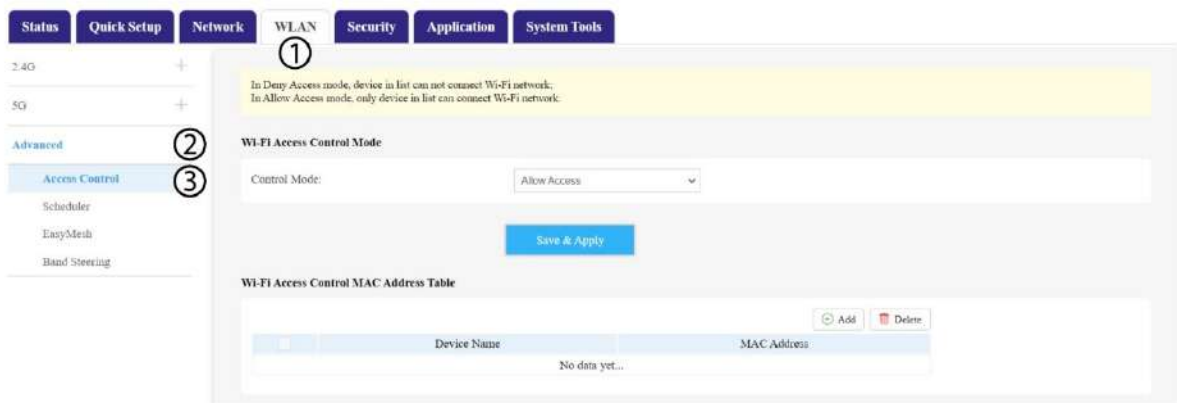


Advanced

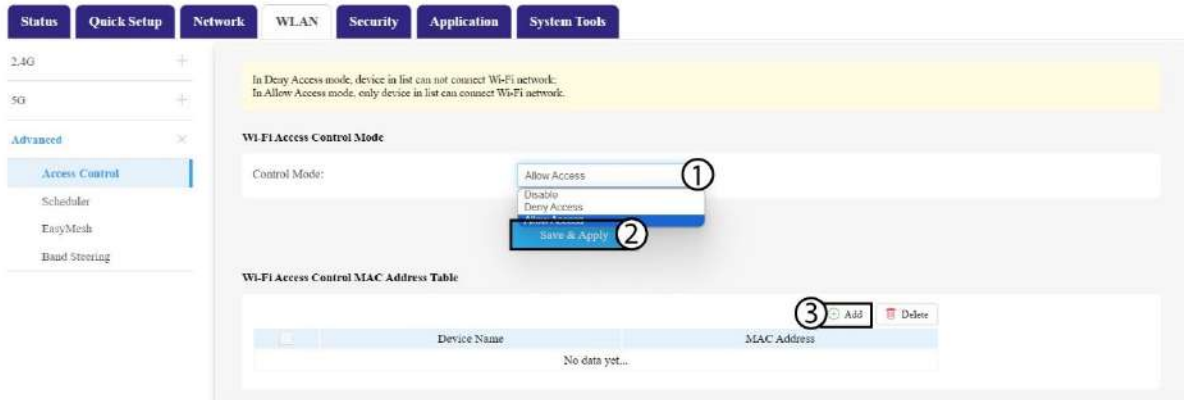
Access Control

You can set up the MAC Addresses of the devices that are allowed to connect to your Wi-Fi Network.

- To configure the access control, click **WLAN** and **Advanced**. Then select **Access Control**.

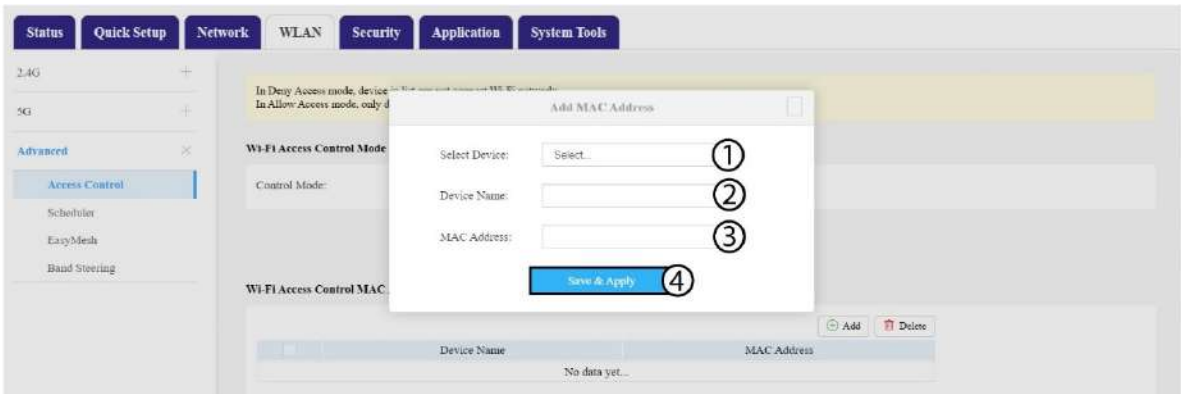


- In the **Control Mode** drop down list, select a value between **Allow Access** and **Deny Access**. Then, click **Add**.



3. Enter the following information before clicking **Save & Apply**:

- **Select Device:** Select the name of the device in the list
- **Device Name:** The field is automatically populated with the device name.
- **MAC Address:** The field is automatically populated with the Mac Address of the device.



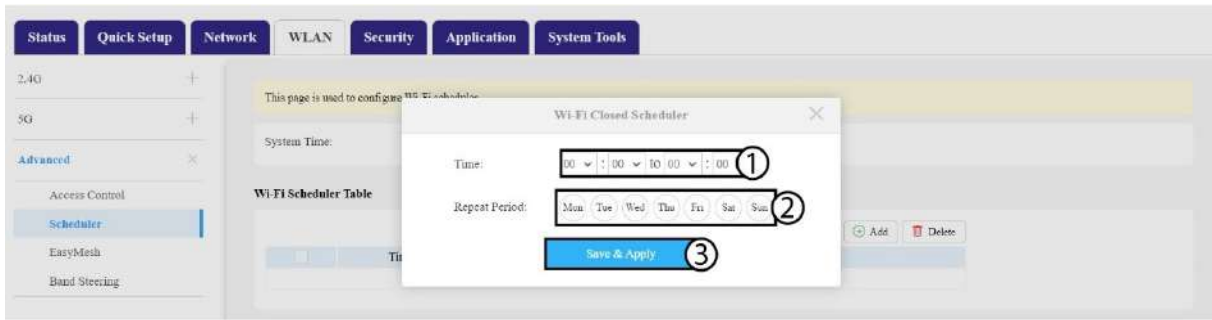
Scheduler

You can set up the day and times to stop the router automatically.

1. Click **WLAN** and **Advanced**. Then, select **Scheduler** and click **Add**.



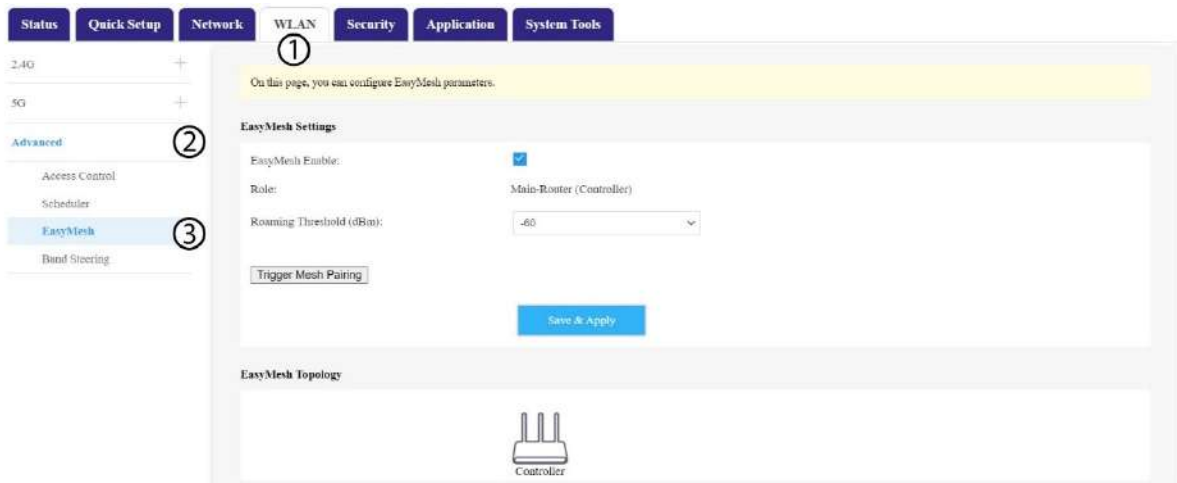
2. Select the days and times when you want to switch off the router and click **Save & Apply**.



Easy Mesh

You can disable this parameter if you don't want to use your router as a mesh unit.

1. To do so, click **WLAN** and **Advanced**. Then select, **Easy Mesh**.



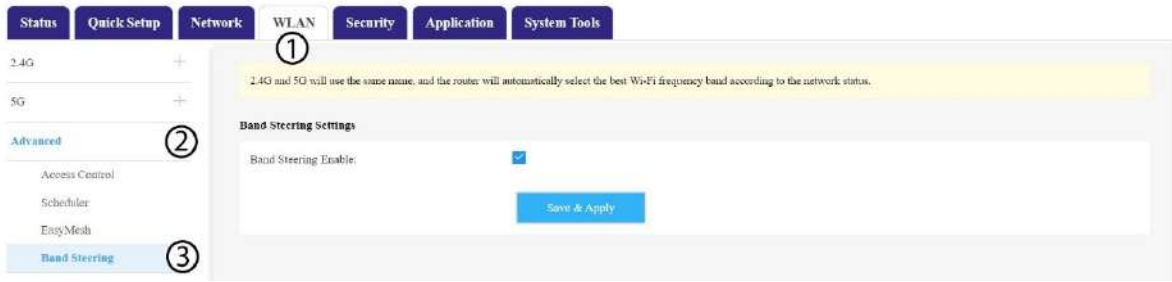
2. Uncheck the **Enable** box and click **Save & Apply**.



Band Steering

You can deactivate this parameter if you need your 2.4 GHz and 5 GHz Wi-Fi Networks to be separated. By default, our router 2.4 and 5G networks are not separated.

1. To do so, click **WLAN** and **Advanced**. Then select, **Band Steering**.



2. Uncheck the **Enable** box and click **Save & Apply**.



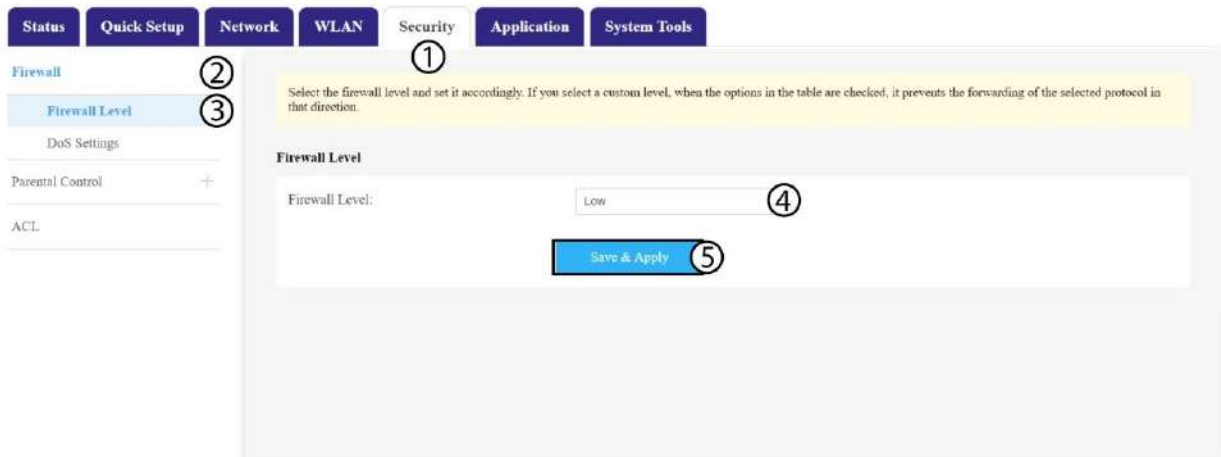
Security Settings

Firewall Settings

Firewall Level

You can choose the security level for the firewall of the router.

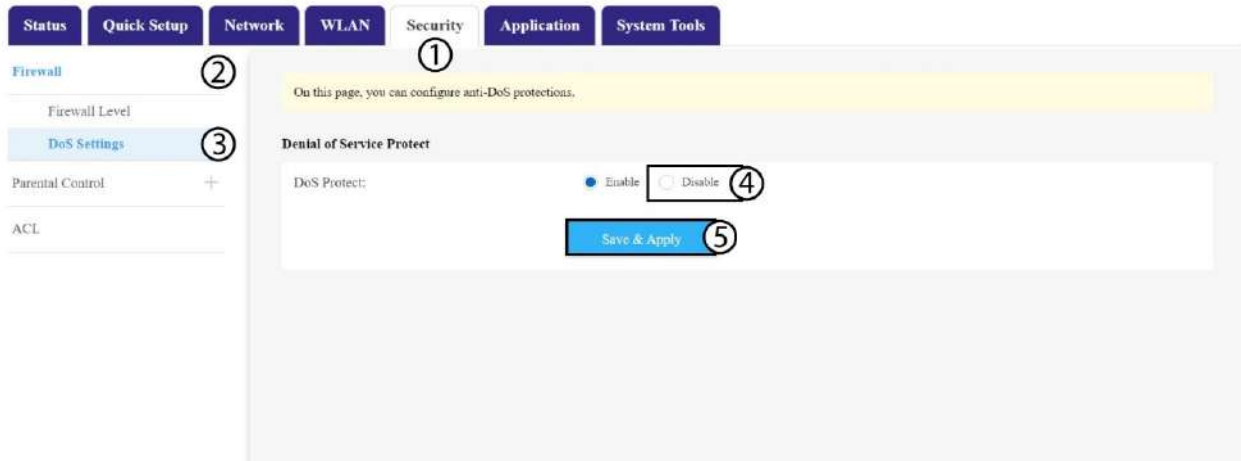
To do so, click **Security** and **Firewall Level**. Then, select the appropriate value in the **Firewall Level** drop down list and click **Save & Apply**.



DoS

Denial of Service (DoS) protection is a setting used to prevent cyber-attacks on your network that makes your resources and services unavailable.

You can deactivate this setting that is enabled by default in the router. It is not recommended to deactivate it because it can make your router vulnerable to DoS attacks.

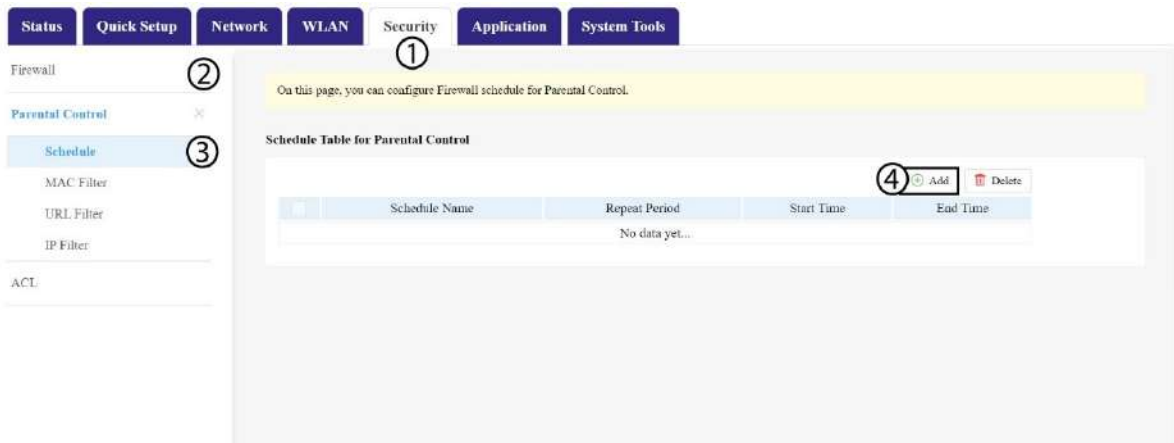


Parental Control

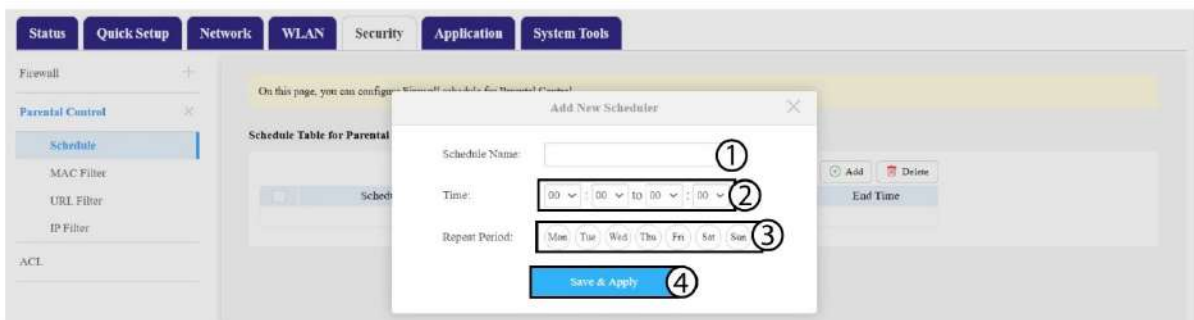
Schedule

You can schedule when the parental control is activated (day and time).

1. To do so, click **Security** and **Parental Control**. Then, select **Schedule** and **Add**.



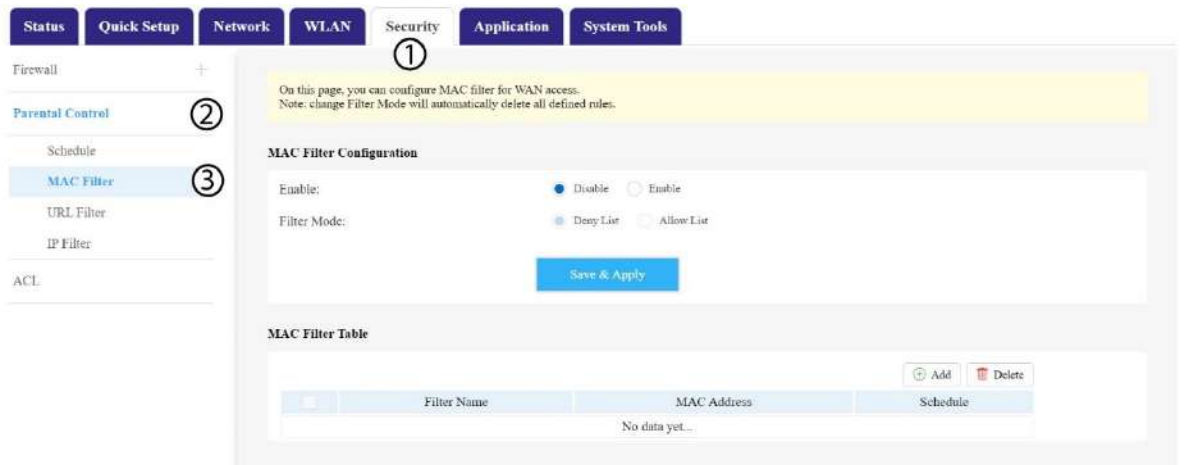
2. Click **Add** and enter the following information before **clicking Save & Apply**:
 - **Schedule Name:** Enter a name for your scheduling rule
 - **Time:** Enter the time period during which the parental control must be activated.
 - **Repeat Period:** Select the days when the router must switch on parental control.



Mac Filter

You can configure a list of devices that are allowed or denied to use the Wi-Fi network.

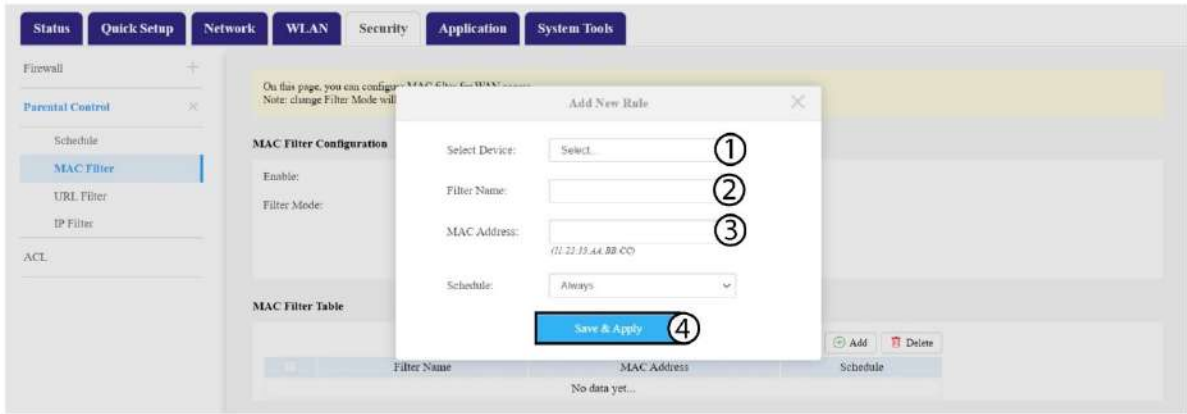
1. To do so, click **Security** and **Parental Control**. Then, select **MAC Filter**.



2. Click the **Enable** and **Save & Apply**. Then, elect the **Filter Mode** between **Deny List** and **Allow List**, before clicking **Add**.



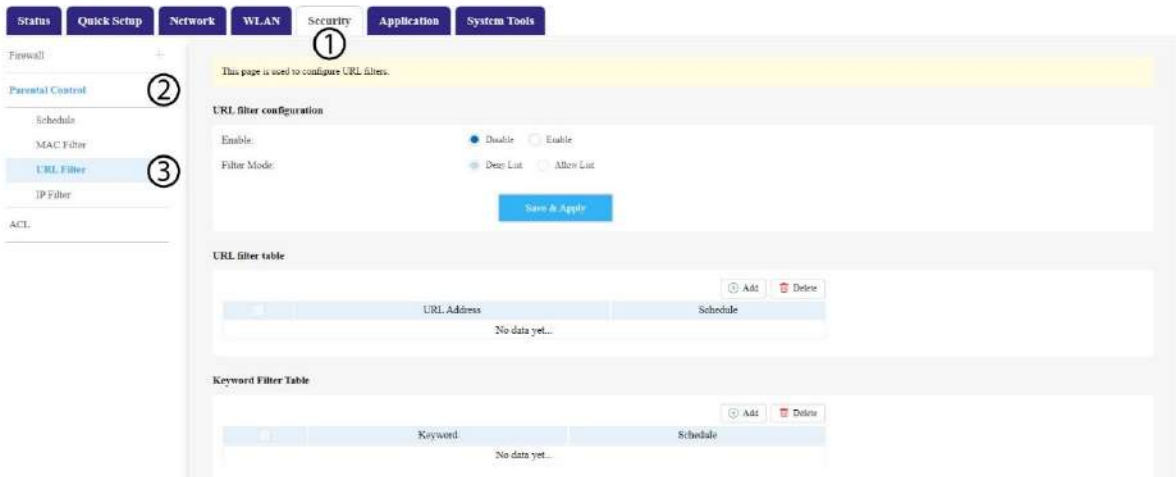
3. Enter the following information before clicking **Save & Apply**:
 - **Select Device:** Select your device from the drop-down list.
 - **Filter Name:** The field is automatically populated with the Device Name.
 - **MAC Address:** The field is automatically populated with the MAC Address of the device.



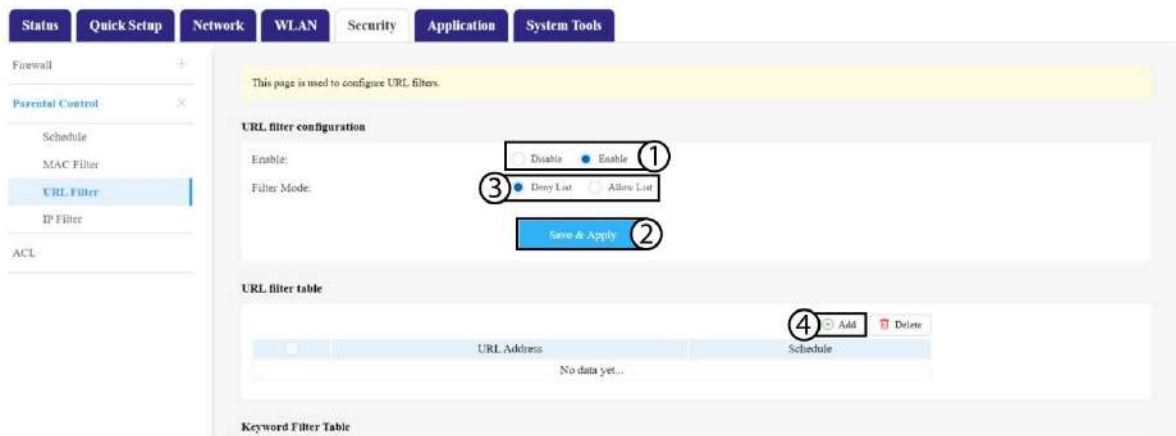
URL Filter

You can set up a list of allowed or denied websites.

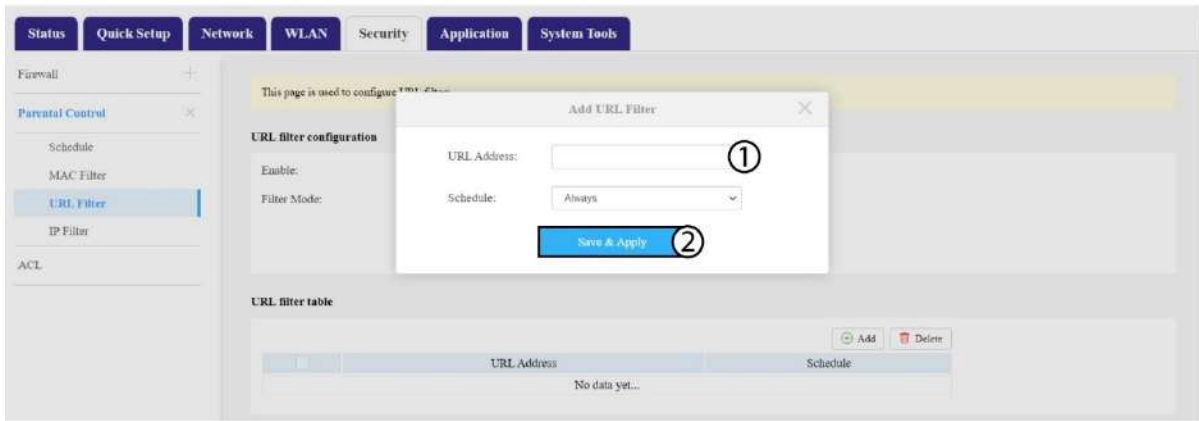
1. To do so, click **Security** and **Parental Control**. Then, select **URL Filter**.



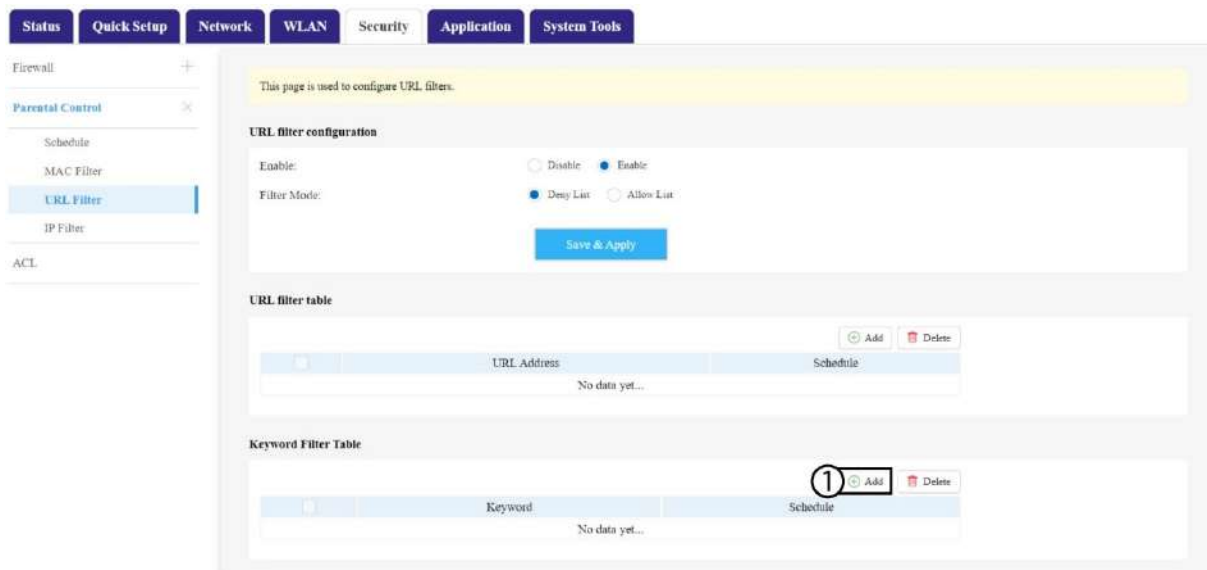
2. Click the **Enable** and **Save & Apply**. Then, select the **Filter Mode** between **Deny List** and **Allow List**, before clicking **Add**.



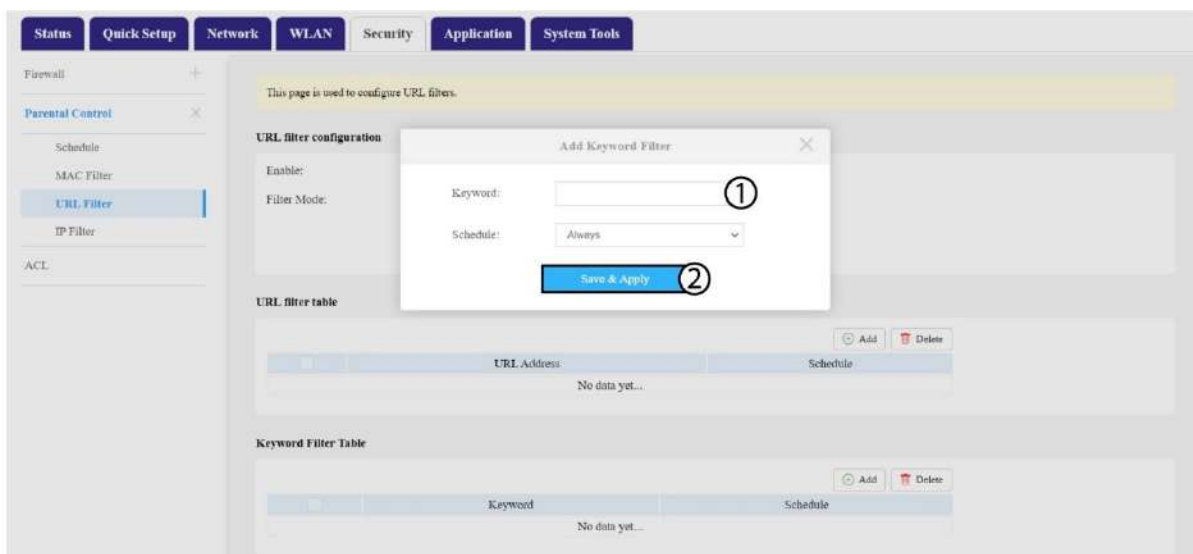
3. Enter the following information before clicking **Save & Apply**:
URL Address: Enter the URL of the website that you want to allow or block.



4. Click the **Add** button in the **Keyword Filter table** to add a restricted keyword.



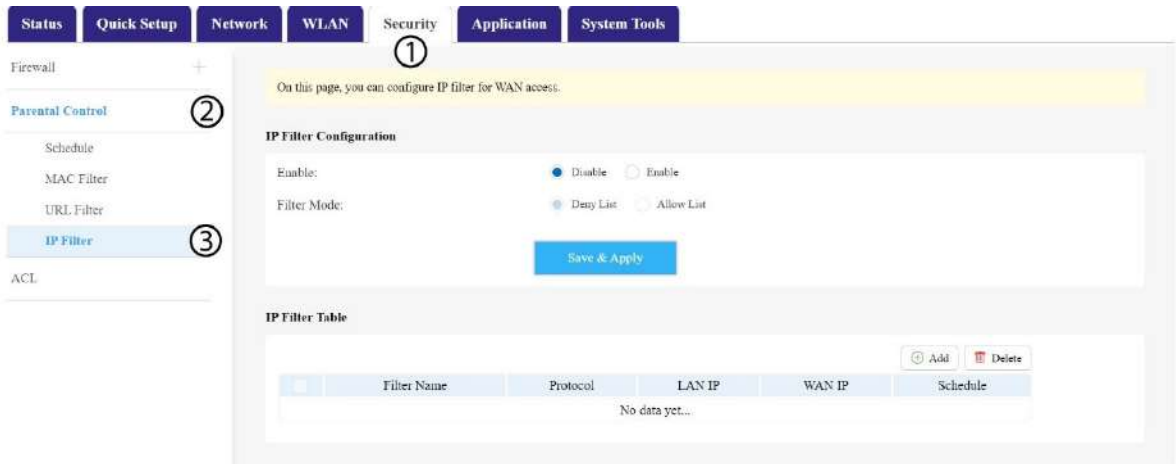
5. Enter the **Keyword** and click **Save & Apply**.



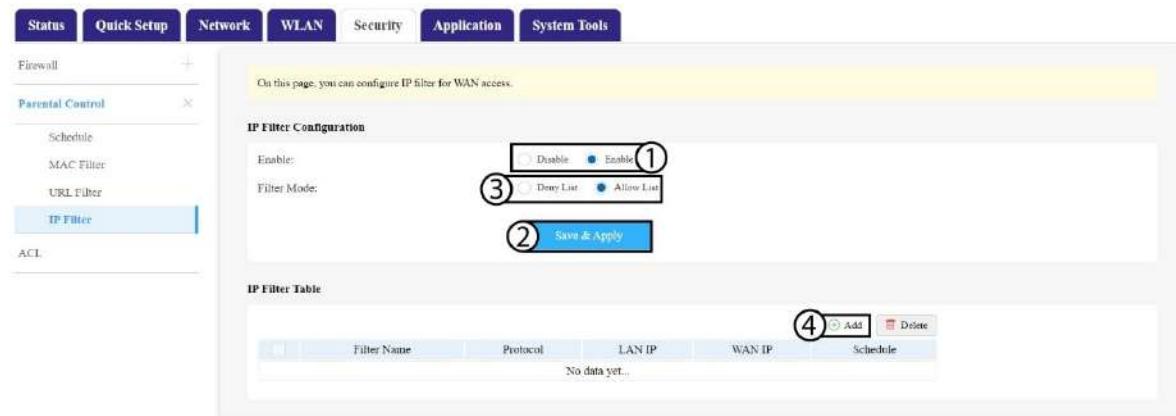
IP Filter

This section enables you to configure IP Filters for you WAN and LAN connection.

1. To do so, click **Security** and **Parental Control**. Then, select **IP Filter**.

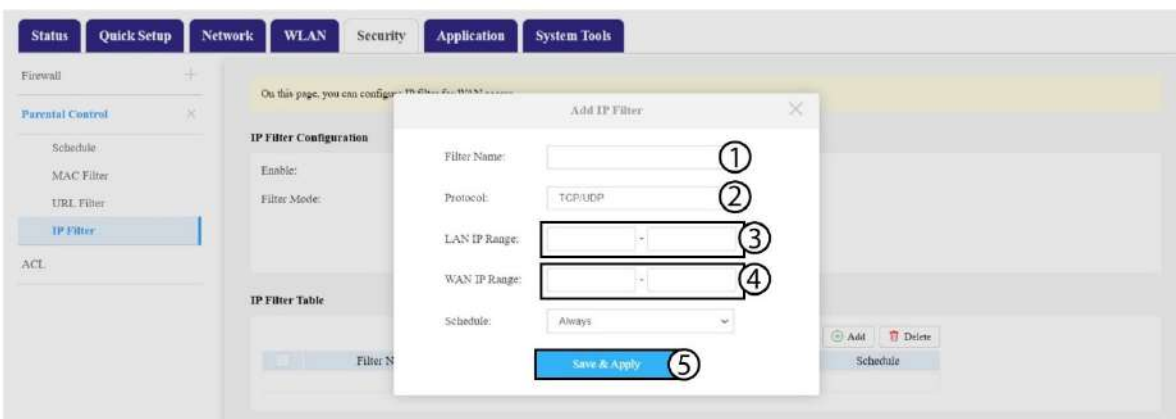


2. Click the **Enable** and **Save & Apply**. Then, select the **Filter Mode** between **Deny List** and **Allow List**, before clicking **Add**.



3. Enter the following information before clicking **Save & Apply** :

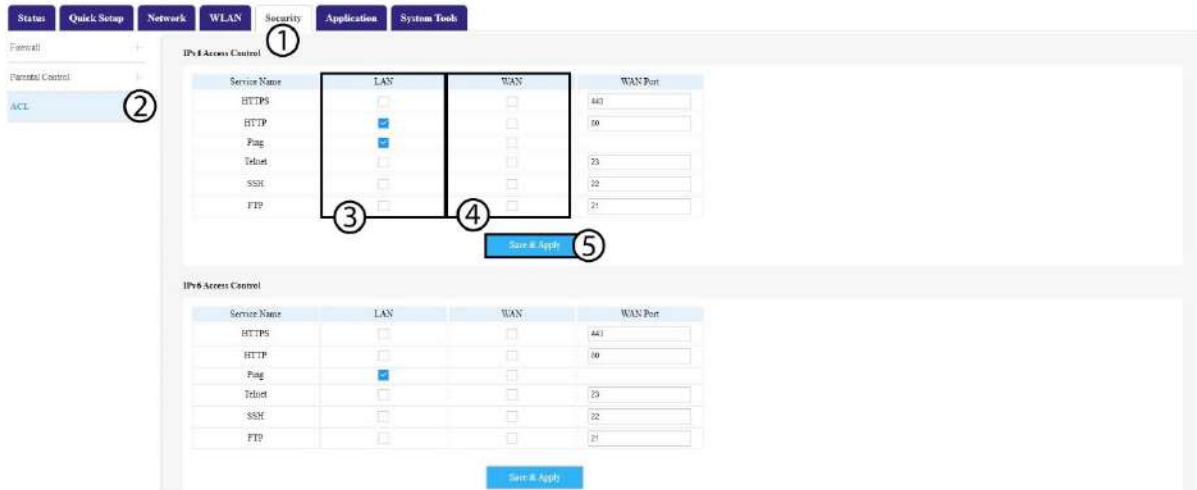
- **Filter Name:** Enter a name for the filter .
- **Protocol:** Select the type of protocol for the filter.
- **LAN IP Range :** Enter the LAN IP pool.
- **WAN IP Range :** Enter the LAN IP pool.



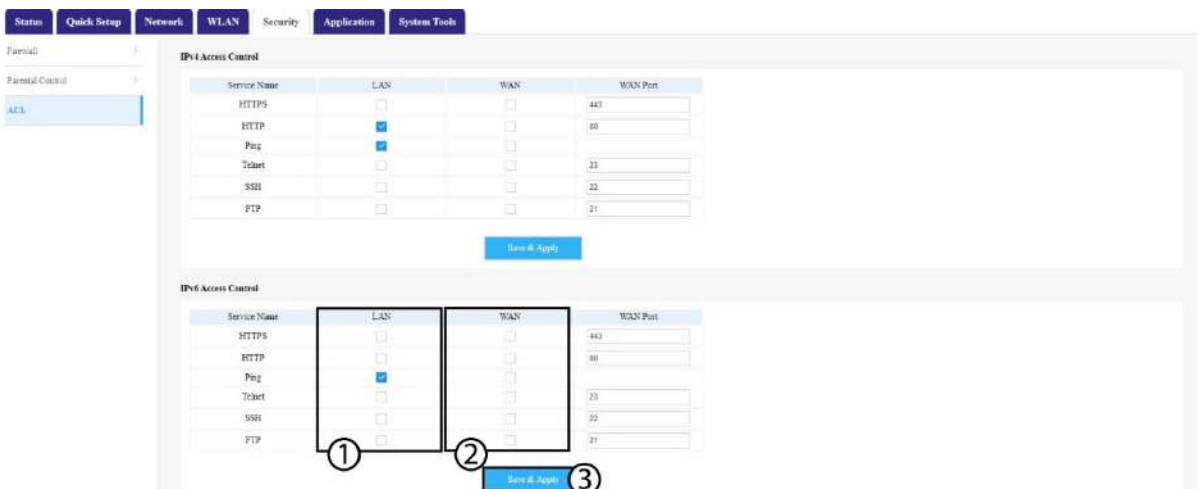
ACL

You can set up the parameters to define which IPv4 and IPv6 access types are allowed.

- To do so, click **Security** and **ACL**. Check the boxes of the authorized protocols for your **WAN** and **LAN** networks for IPv4 and click **Save & Apply**.



- Check the boxes of the authorized protocols for your **WAN** and **LAN** networks for IPv6 configuration IPv4 and click **Save & Apply**.



Application Settings

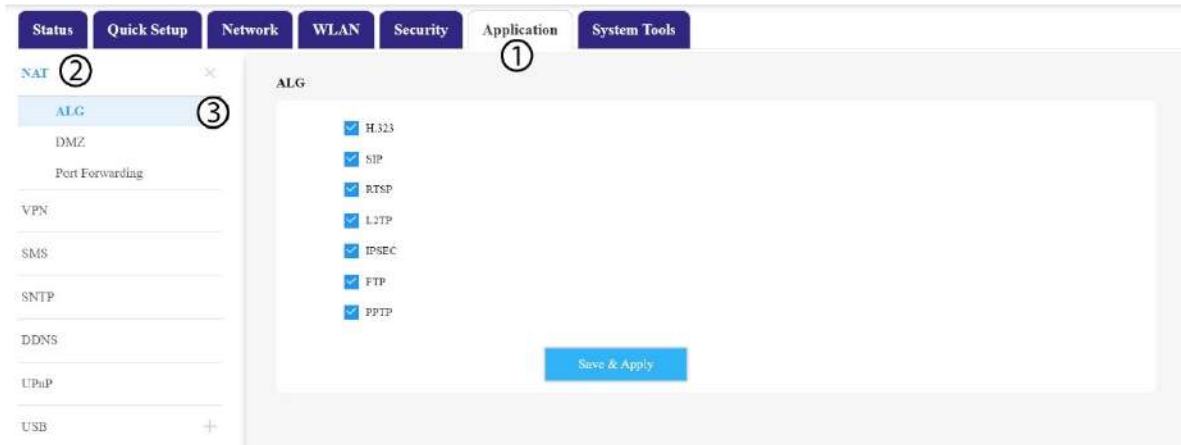
In the Application Settings section of the UI, you can set different basic parameters regarding your network and advanced parameters according to your needs.

NAT

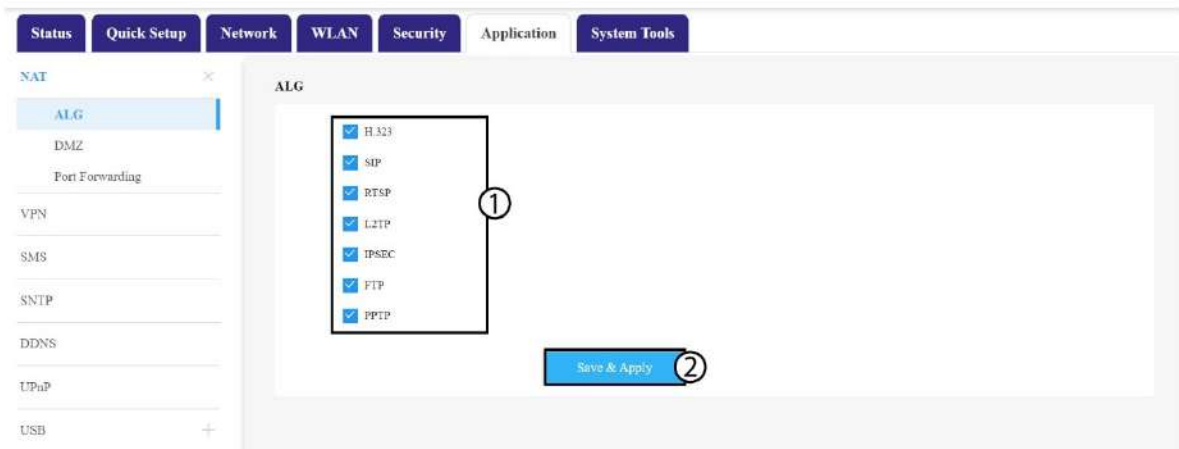
ALG

Application Layer Gateway (ALG) is protocol that is used to control the authorization or deny of traffic to a specific application of a server it is mainly used for SIP or FTP.

1. To configure the allowed protocols, click **Application** and **NAT**. Then, select **ALG**.



2. Select the values for the protocol that you want to allow and click **Save & Apply**.

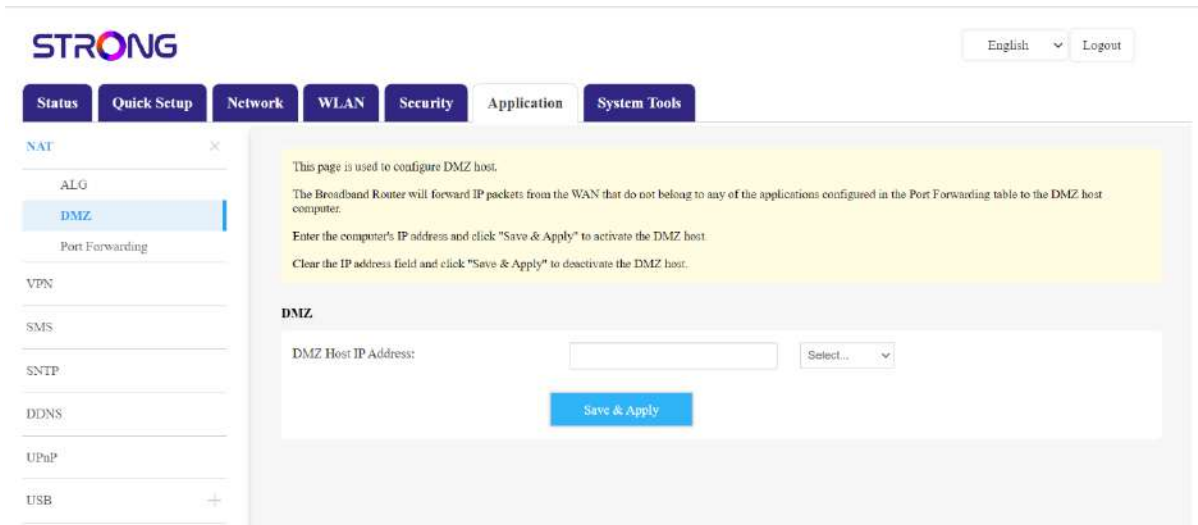


DMZ

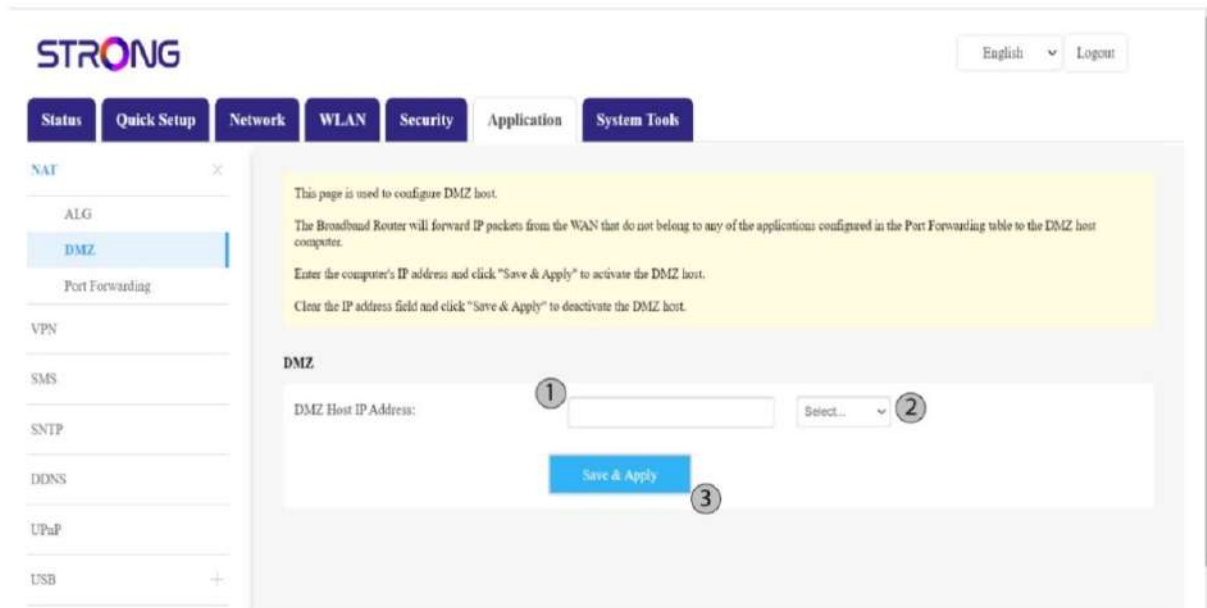
A Demilitarized Zone (DMZ) is a sub network that is separated and isolated from the main local network (LAN) and from Internet by a Firewall. On this network, you can configure the devices that needed to access the Internet without accessing your LAN.

1. To configure DMZ on your router, you must be connected to the Wi-Fi of the router and access the Web UI. Please refer to the following procedures to connect to Web UI: [Connecting to the Wi-Fi and Accessing the Web UI](#)

2. Click **Application** in the top bar, then the **NAT** section and **DMZ**.



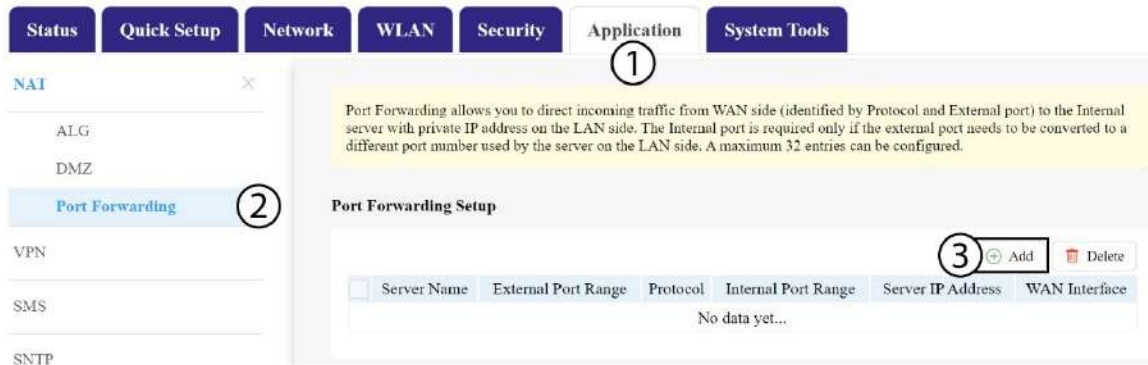
3. Enter the IP Address of your device, you can select the settings with the Select Option and click on **Save & Apply**.



Port Forwarding

Port Forwarding is used to forward queries from internet to a specific device. This feature can be used to forward queries to a game console for instance when you are hosting a peer-to-peer game.

1. To do so, click **Application** and **Port Forwarding**. Then, click **add** to create a new rule.



2. Enter the following information before clicking Save & Apply:
- Custom Service: Enter a name for the service you are configuring.
 - Server IP Address: Select your device in the drop-down menu.
 - External Port Start and External Port End: For a HTTP service enter 80. For more information about the different port services, [see](#).
 - Protocol: Select the protocol from the drop-down list.
 - Internal Port Start and Internal Port End: Enter the port number.

Service Name:

Custom Service:

Server IP Address:

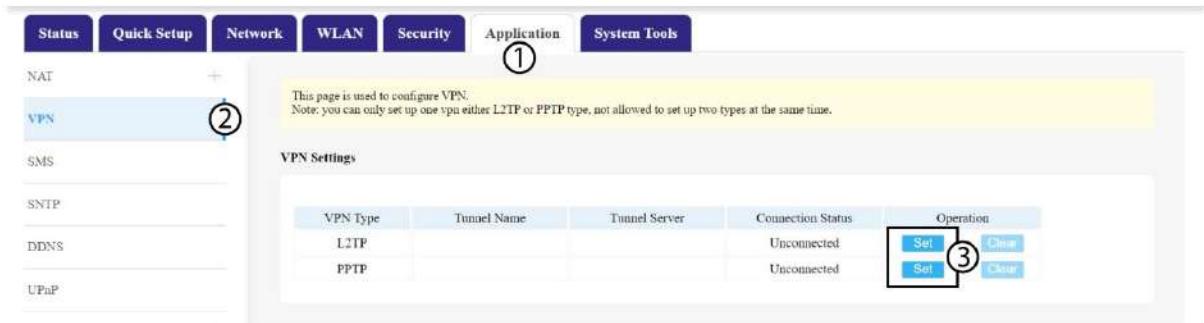
External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
		TCP/UDP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		

Cancel

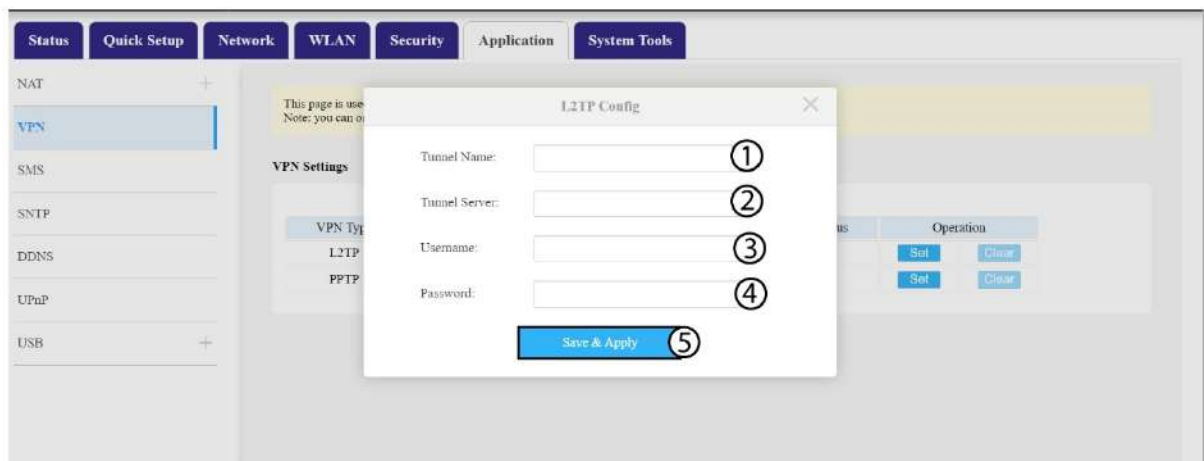
VPN

You can configure a VPN Network on your router.

1. To do so, click **Application** and **VPN**



2. If you have a **L2TP** or **PPTP** account, click the **Set** button next to it. then enter the following information before clicking **Save & Apply**:
 - **Tunnel Name:** Enter a name for your VPN connection.
 - **Tunnel Server:** Enter the address of the tunnel.
 - **Username:** Enter your username.
 - **Password:** Enter your password.



SMS

In this part of the Ui you can check the SMS received on the SIM card inserted in the router.

Writing a SMS

1. To write a SMS, click **Application** and **SMS**. Then, click **write**.



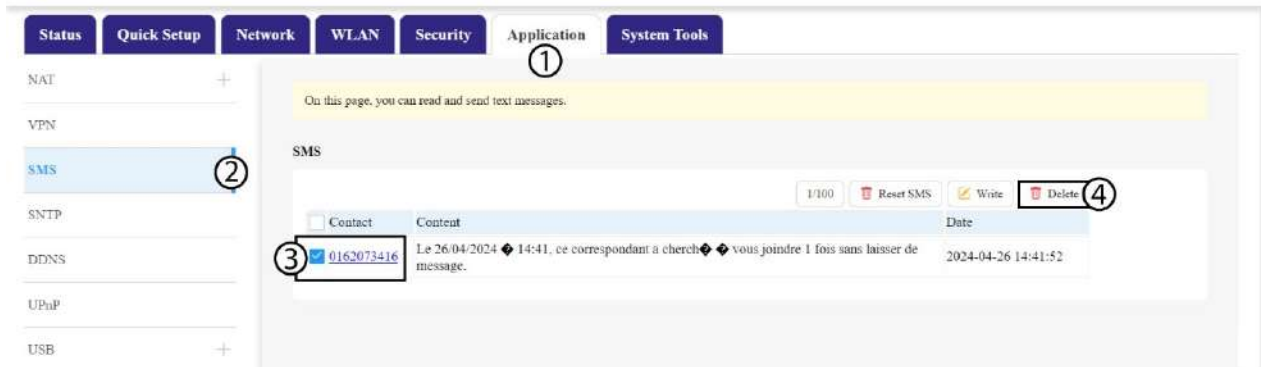
2. Then, enter the following information before clicking Send message:
 - Number: Enter the phone number
 - Message: Type your message.

The screenshot shows the 'SMS' composition form. At the top, there is a title 'SMS'. Below the title is a text input field with the placeholder text 'enter the number you want to send' and a circled '1' next to it. Below the input field is a large text area for the message content, with the placeholder text 'Enter the message you want to send...' and a circled '2' next to it. At the bottom of the form, there are two buttons: 'Cancel' and 'Send message', with 'Send message' circled with a '3'.

Deleting SMS

You can delete the SMS received on your SIM Card.

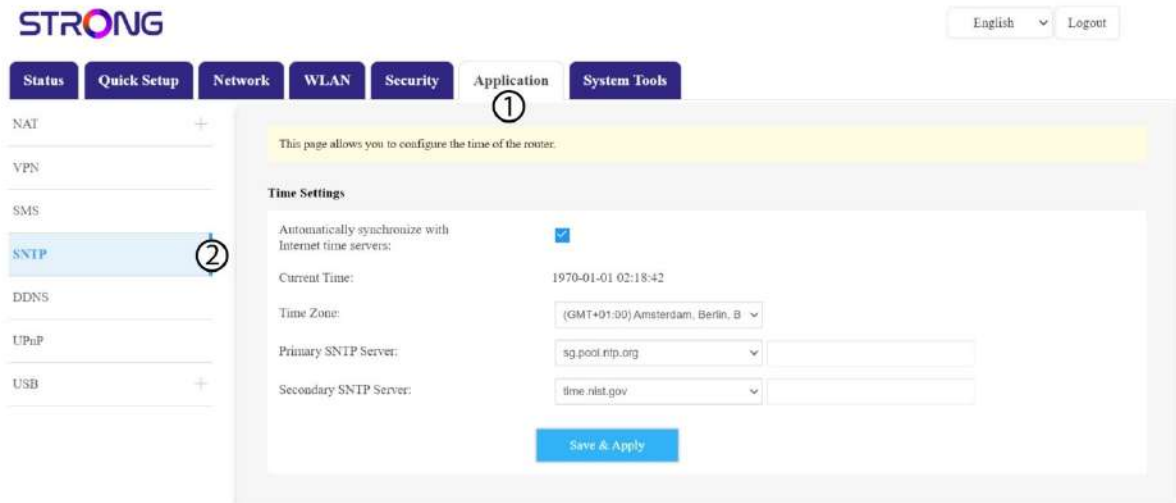
To delete the SMS received on the SIM card, click **Application** and **SMS**. Then, check the box next to the phone number and press **Delete**.



SNTP

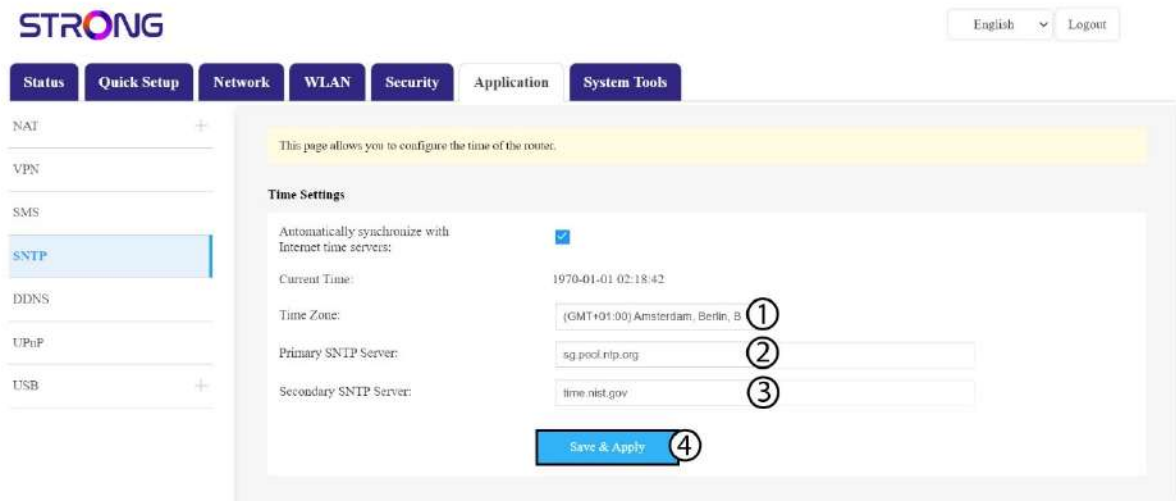
In this part of the Web UI you can set up the time zone settings as well as the SNTP Servers.

1. To do so, click **Application** and **SNTP**.



2. Enter the following information before clicking **Save & Apply**:

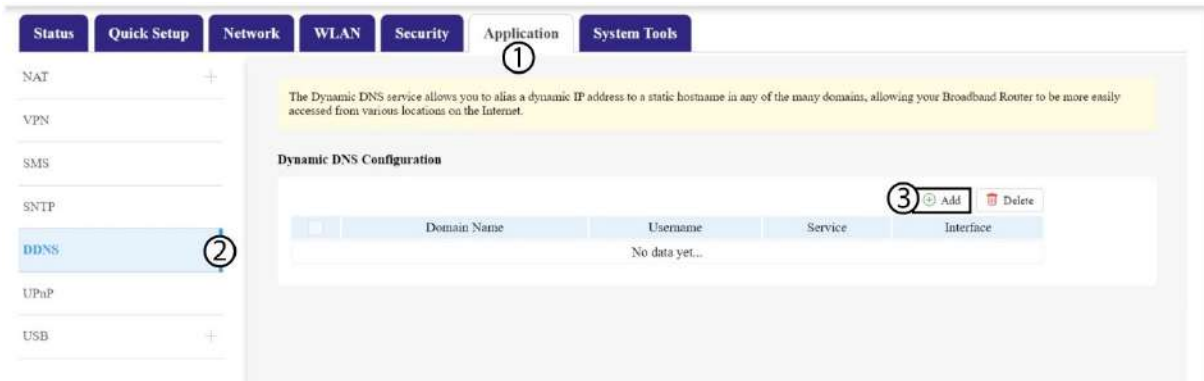
- **Time Zone:** Select your time zone from the drop-down list
- **Primary SNTP Server:** Select a SNTP Server from the list
- **Secondary SNTP Server:** Select a SNTP Server from the list



DDNS

Dynamic DNS (DDNS) is used to automatically update a DNS Server. You can choose between two DDNS provider in the Web UI, you will have to create an account and register before being able to set up the DDNS for the router.

1. Click **Application** and **DDNS**. Then, click **Add**.



2. Enter the following information before clicking **Save & Apply**:

- **Service:** Select the DDNS service provider from the list
- **Domain Name:** Enter the domain name
- **Username:** Enter your username provided by the DNS Service provider.
- **Password:** Enter your password provided by the DNS Service provider.

Add New Rule ✕

Service: ①

Interface: ②

Domain Name: ③

Username: ④

Password: ⑤

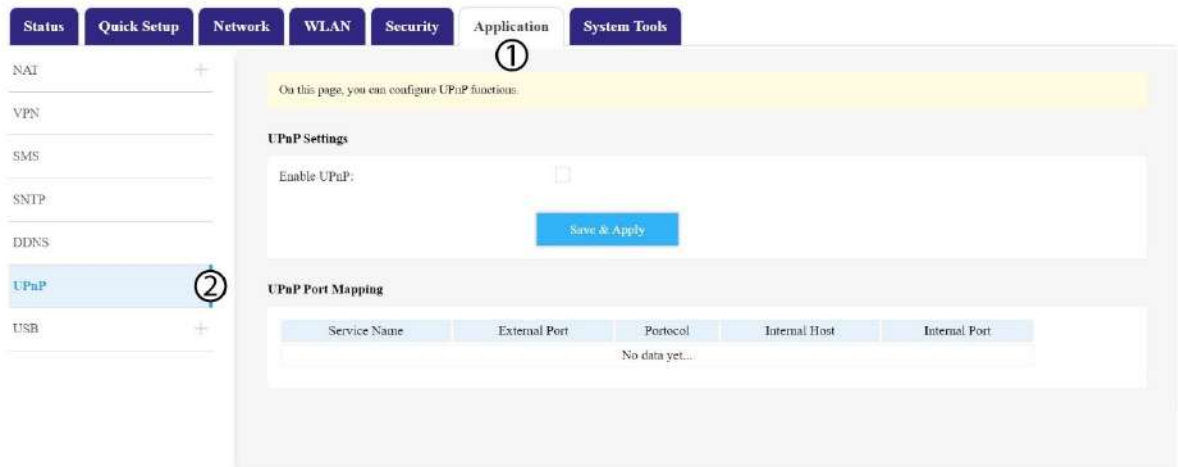
Save & Apply ⑥

UPnP

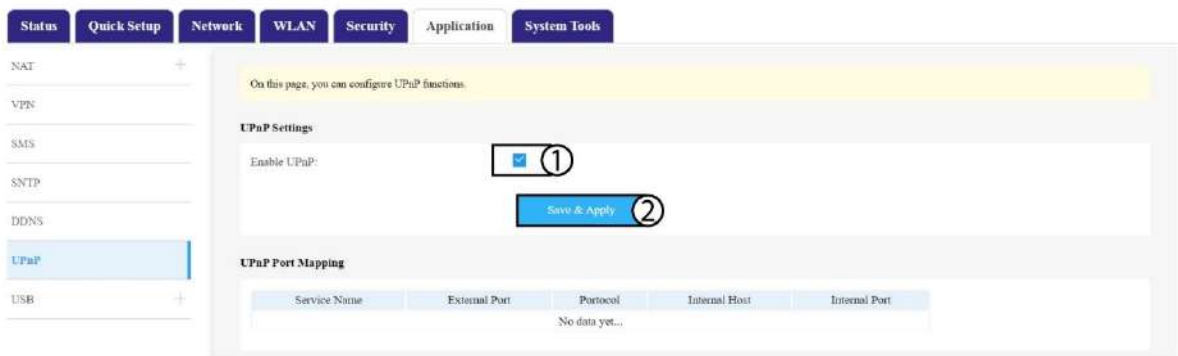
Universal Plug and Play (UPnP) enables the devices of your network to detect compatible devices and to communicate with them automatically.

1. To activate the UPnP feature, you must be connected to the Wi-Fi of your device and access the Web UI. To do so, follow one of the procedures below:
[Connecting to the Wi-Fi and Accessing the Web UI](#)

2. Click **Application** and **UPnP**.



3. Check the **Enable** option and **Save & Apply**.

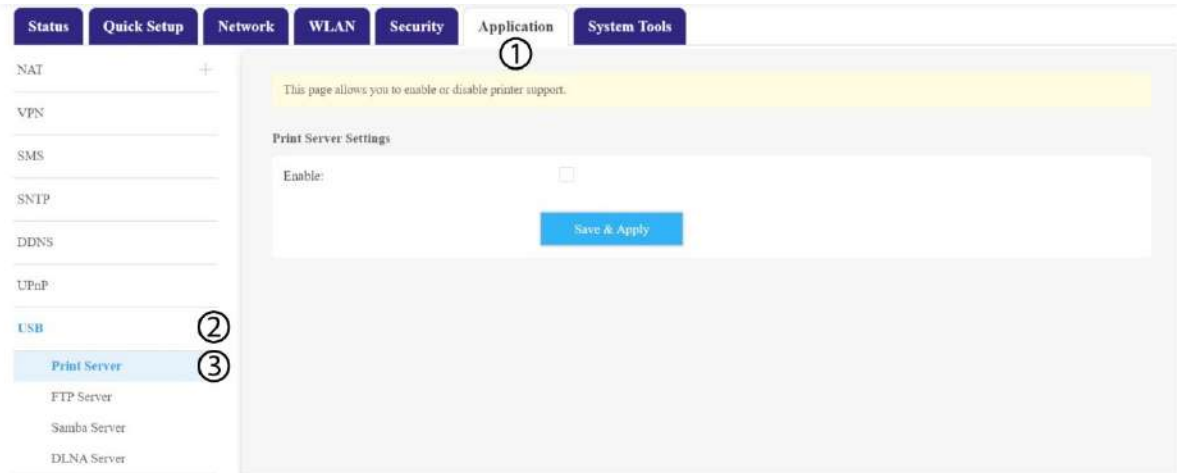


USB Port

The USB port allows you to connect a printer to set up a network printer and its server, a USB key to share data by setting up an FTP and SAMBA server but also media by setting up a DNLA server. You can also store files.

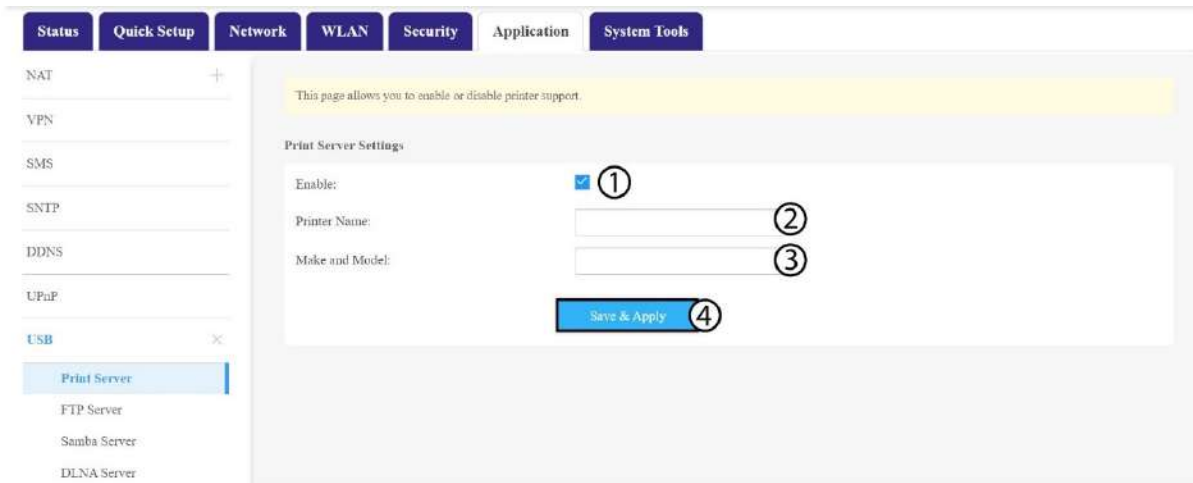
Printer Server

1. Click **Application** and **USB**. Then, click **Print Server**.



2. Click the enable check box to activate the service. Then enter the following information before clicking **Save & Apply** :

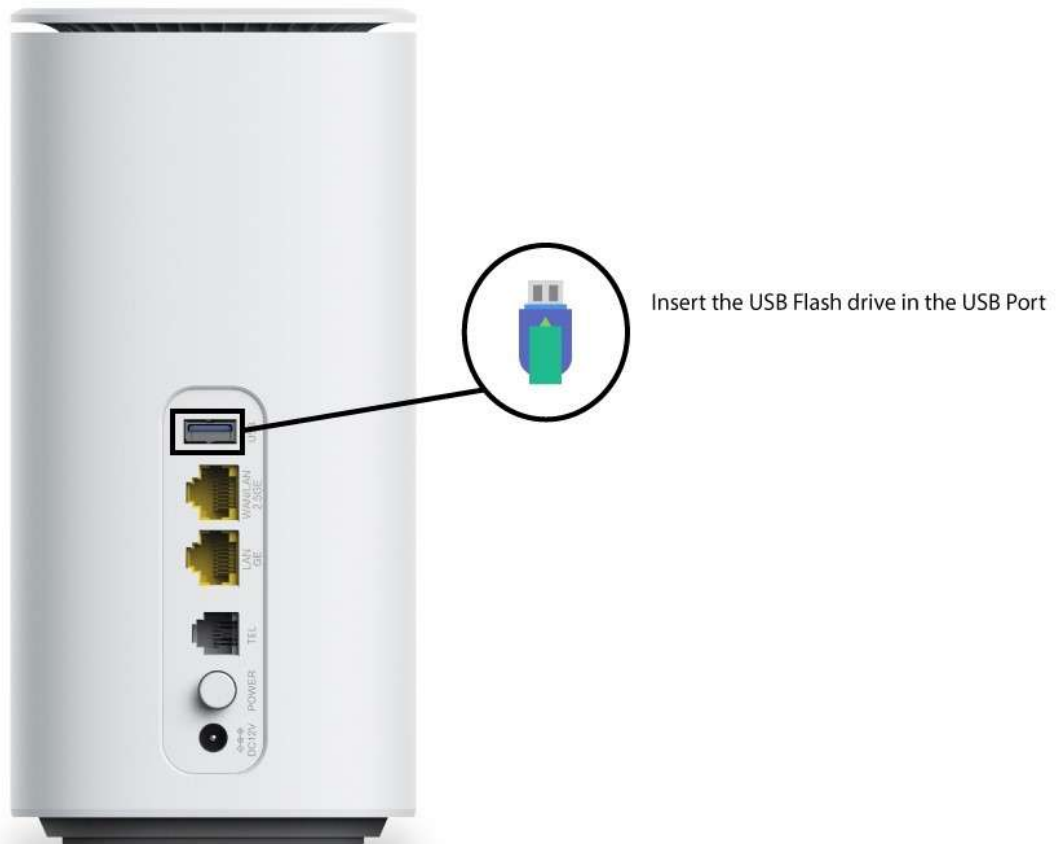
- **Printer Name:** Enter the name of your printer.
- **Make and Model:** Enter the brand and product reference of your printer.



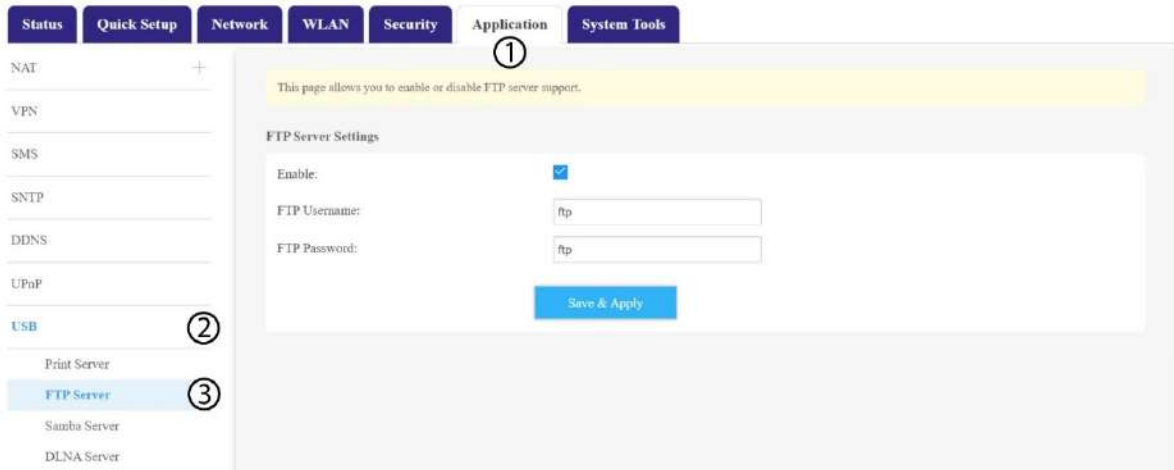
FTP Server

You can configure you router as a FTP server to share files or data on your network.

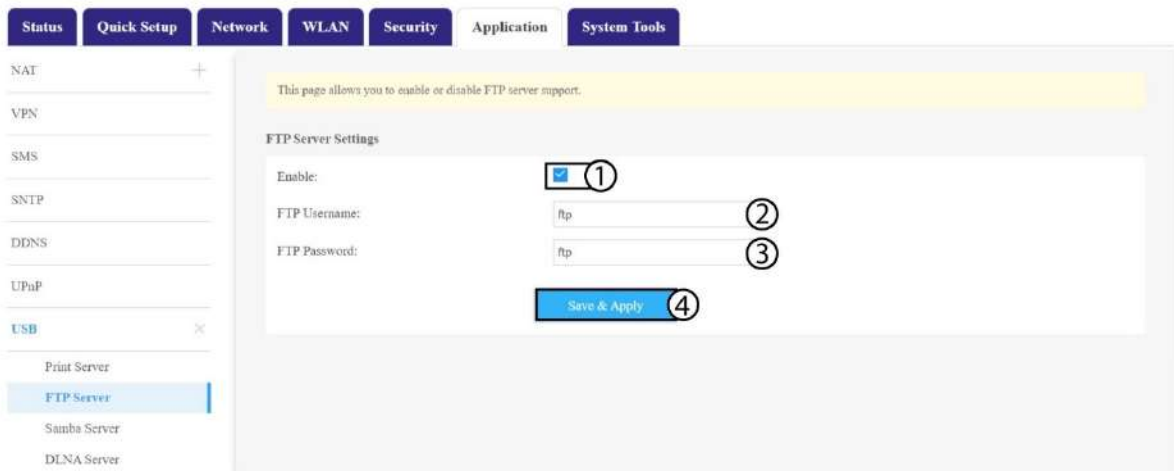
1. To do so, insert a USB flash drive in the port located on the rear side of your router.



2. Click **Application** and **USB**. Then, click **FTP Server**.



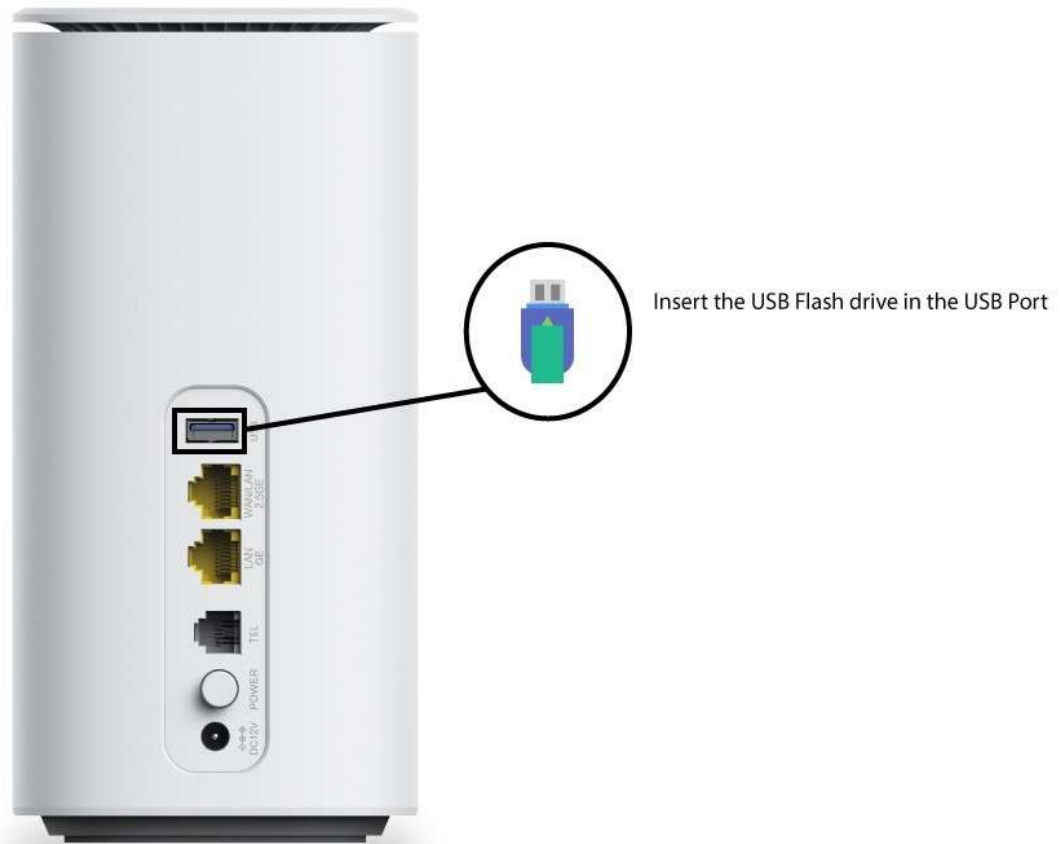
3. Click the **Enable** check box and enter the following information before clicking **Save & Apply**:
- **FTP Username:** Create a new username to use the router as a ftp server.
 - **FTP Password :** Create a new password to use the router as a ftp server.



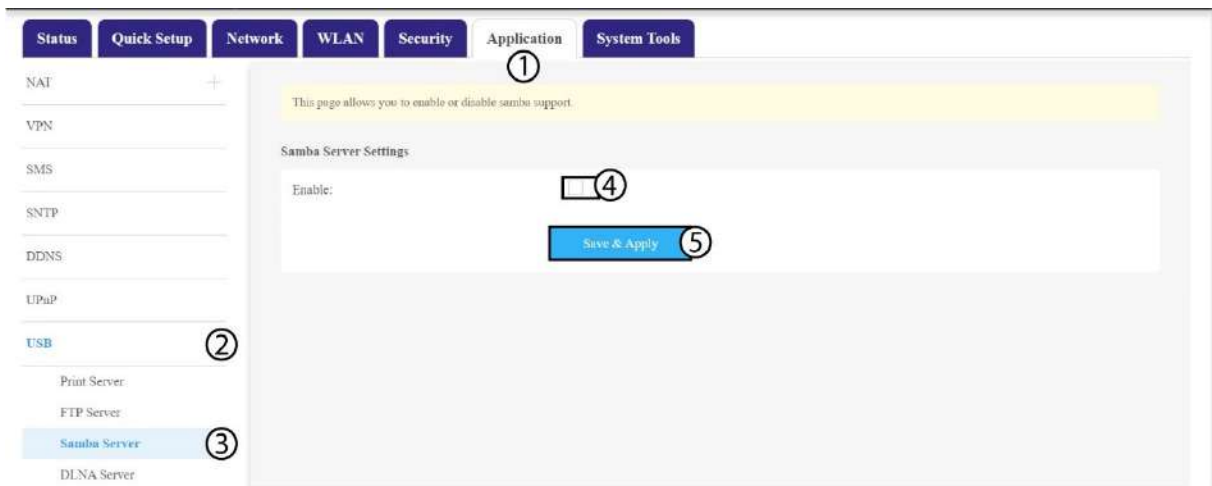
Samba Server

In your router the samba server enables you to access the data or files shared on your network.

1. To set up a samba server on your router, insert a USB flash drive in the USB Port of your router.



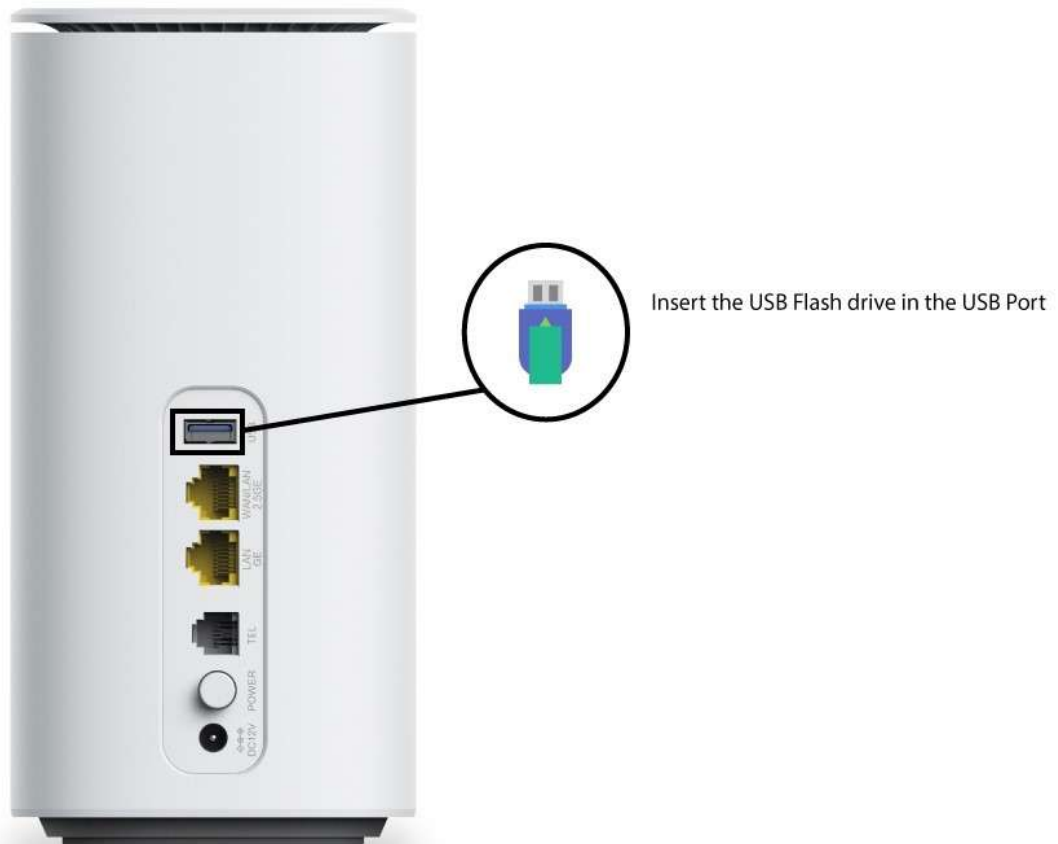
2. Click **Application** and **USB**; Then, select **Samba Server**. Finally, click the **Enable** check box and then the **Save & Apply** button.



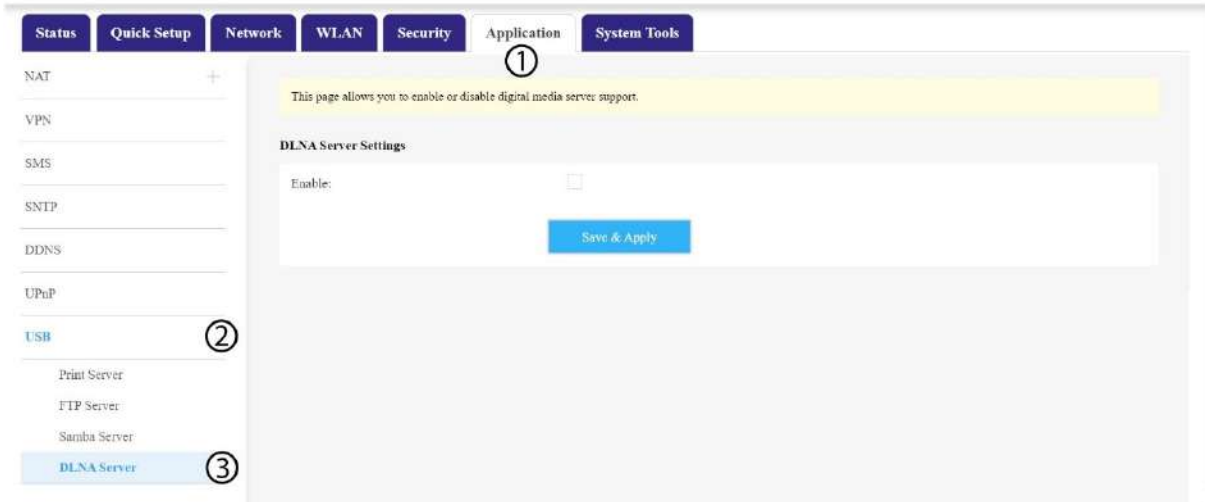
DLNA Server

You can configure a DNLA Server to save medias on your network.

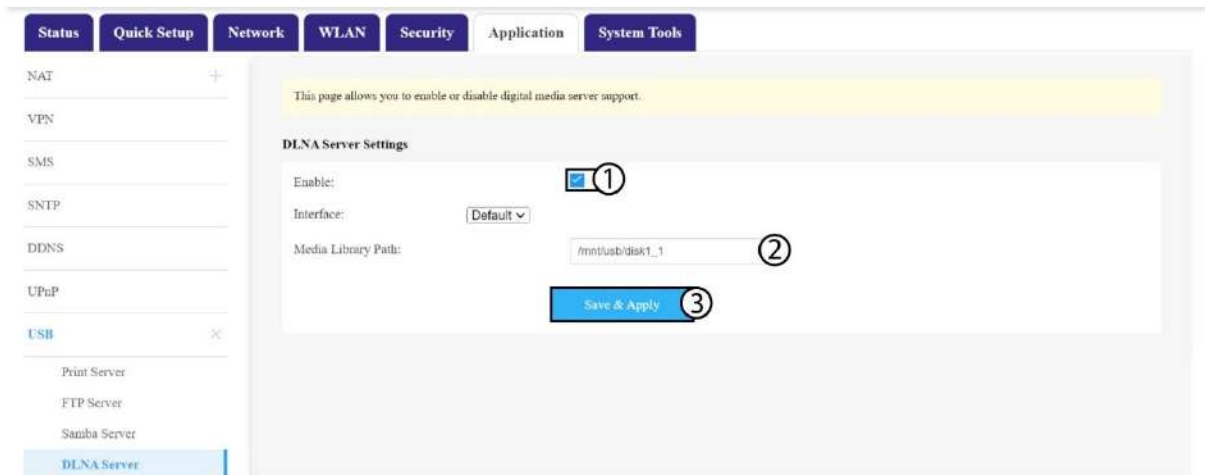
1. To set up a DNLA Server on your router, insert a USB flash drive in the USB Port of your router.



2. Click **Application** and **USB**; Then, select **DNLA Server**.



3. Check the **Enable** box, then select the USB Flash drive in the **Mobile Library** drop-down menu and click **Save and Apply**.



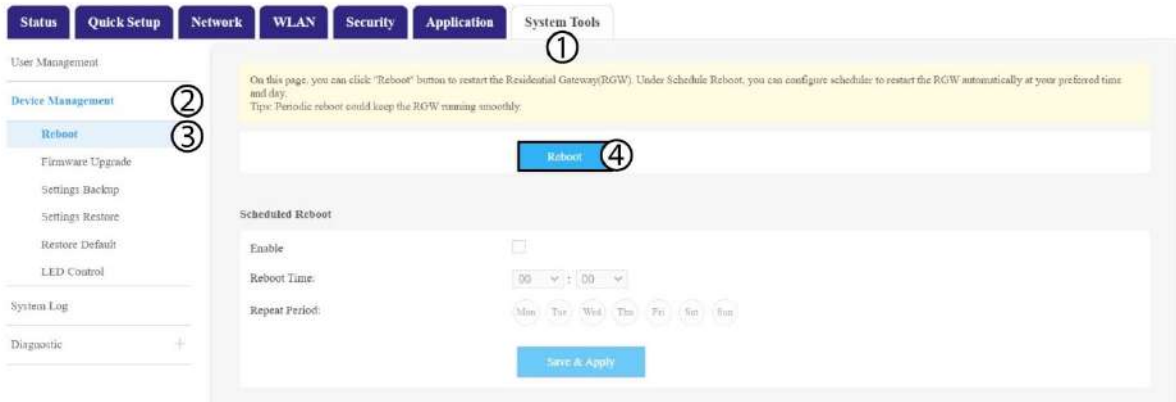
System Tools

Device Management

Reboot

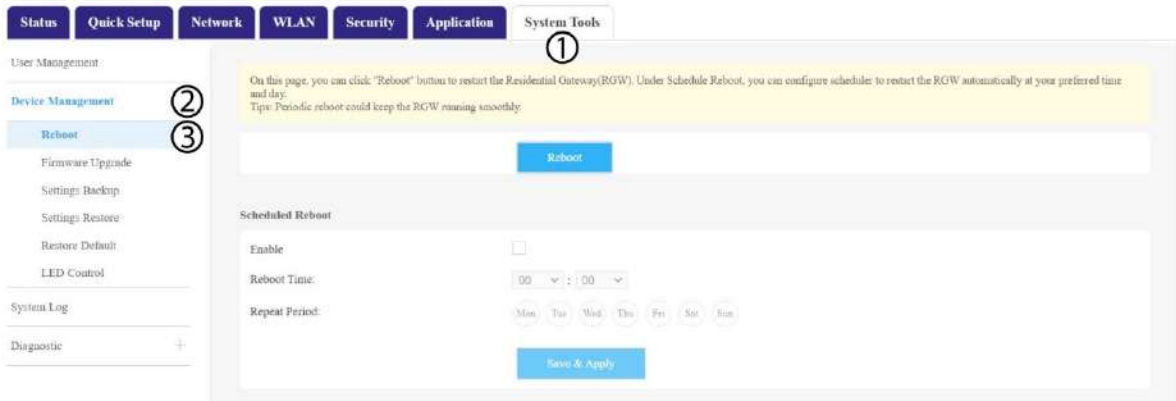
You can reboot the device.

- Click **System Tools** in the top bar, then click on the **Device Management** section and **Reboot**. Then, click the **reboot** button.

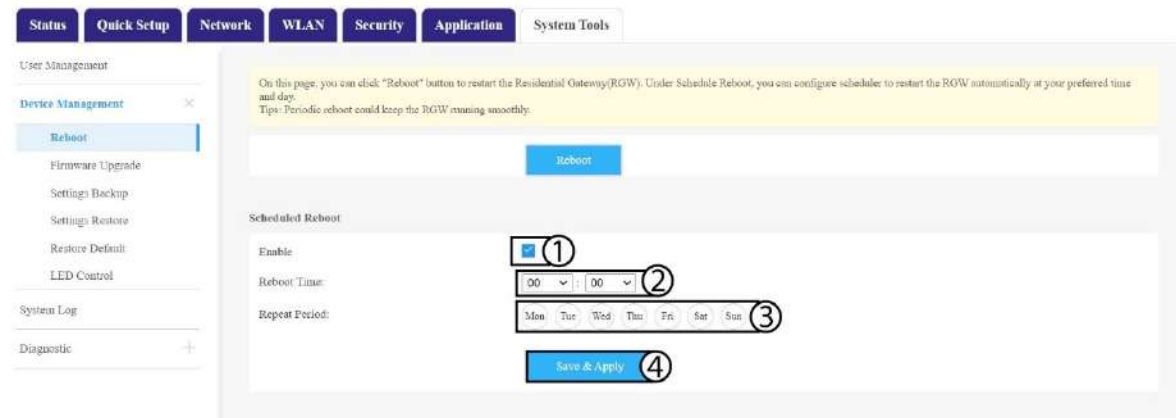


You can set up when the device will reboot.

1. Click System Tools in the top bar, then click on the Device Management section and Reboot.



2. Click on the Enable check bow. Then ,enter the time and select the days on which the device should reboot and click Save & Apply.



Settings Backup

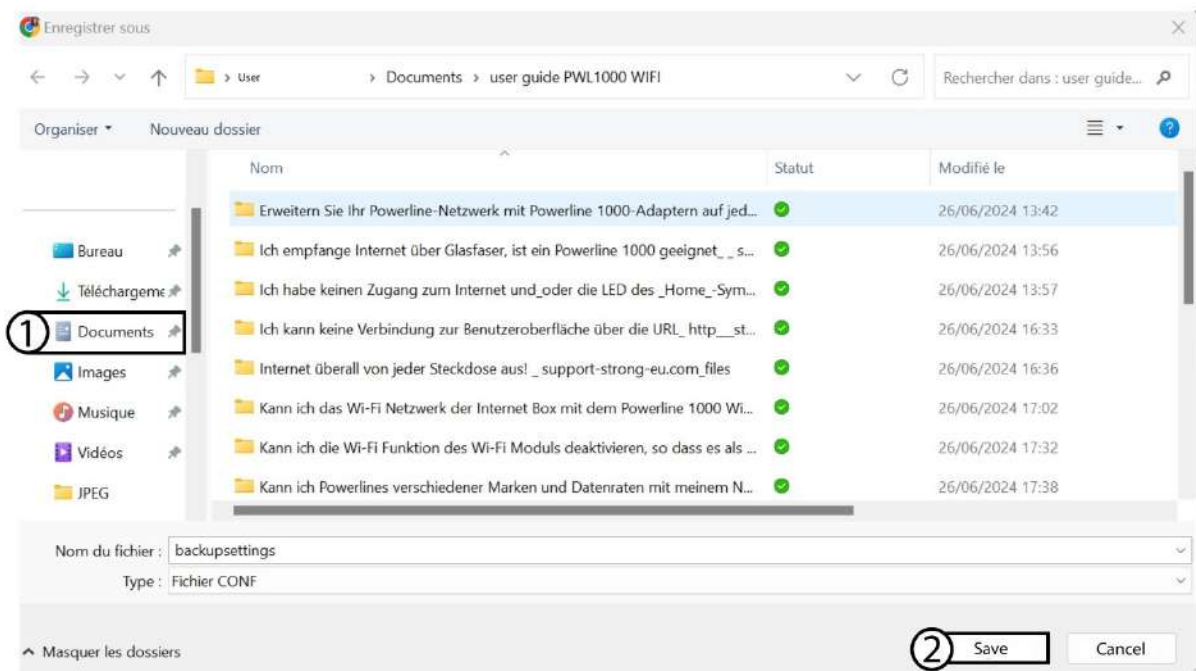
You can save the settings of your routers in a file.

1. Click **System Tools** in the top bar, then click on the **Device Management** section and **Settings**

Backup. Then, click **Backup Settings**.



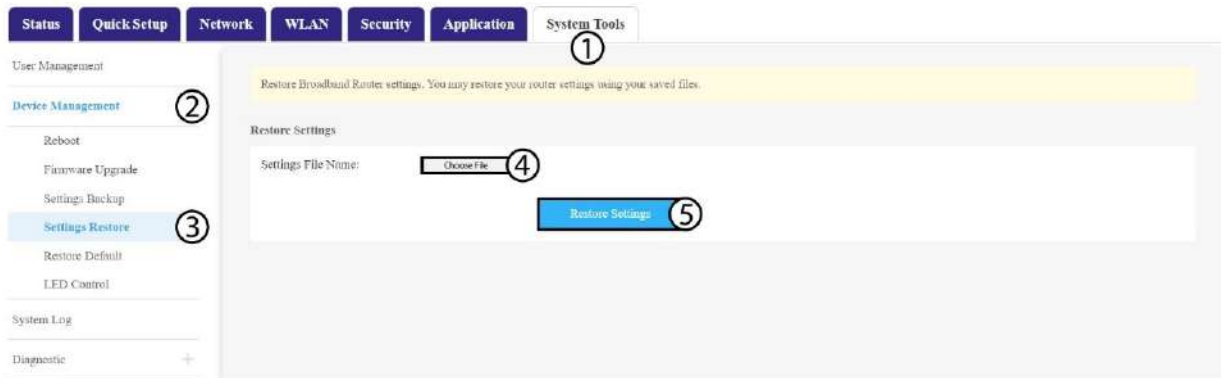
2. In the pop-up that opens, select a location to save your back up file and click **Save**.



Settings Restore

Here you can restore the configuration of your router with a file containing all the parameters.

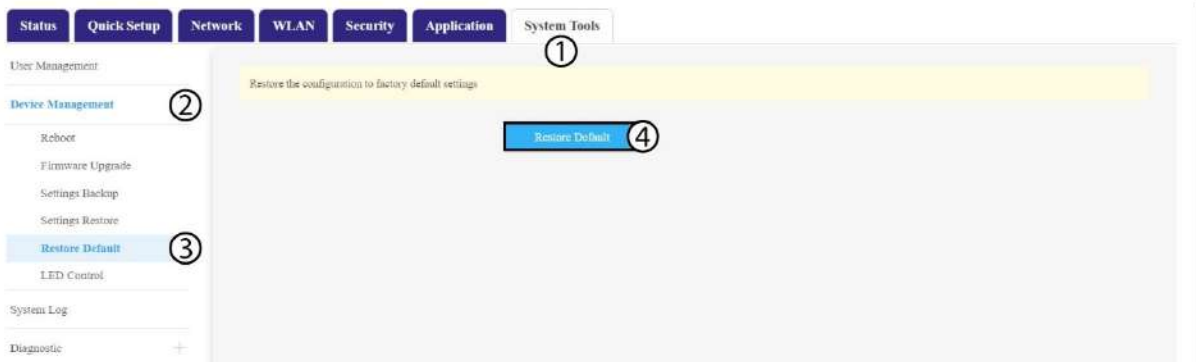
Click **System Tools** in the top bar, then click on the **Device Management** section and **Settings Restore**. Then, click the **choose file** button and select your file. Finally, click **Restore Settings**.



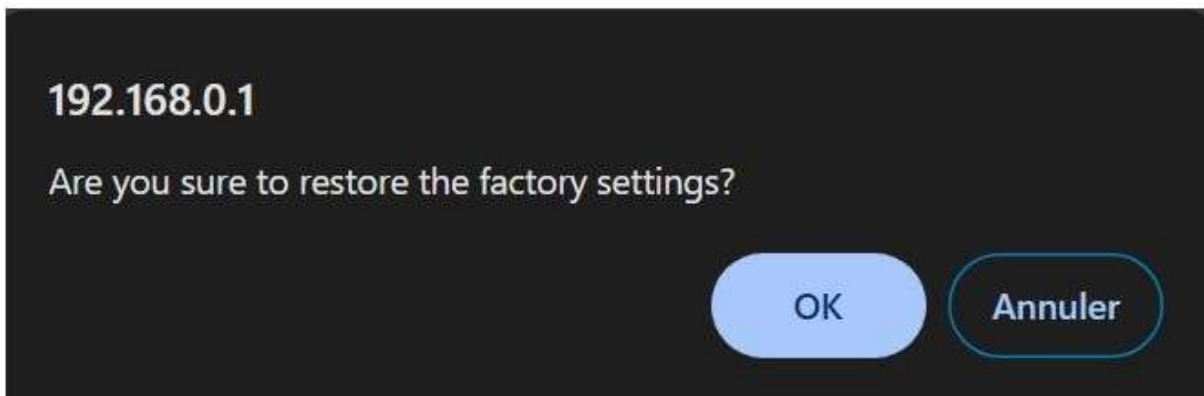
Restore Default

You can restore your router to its default settings.

1. Click **System Tools** in the top bar, then click on the **Device Management** section and **Restore Default**. Then, click the **Restore Default** button.



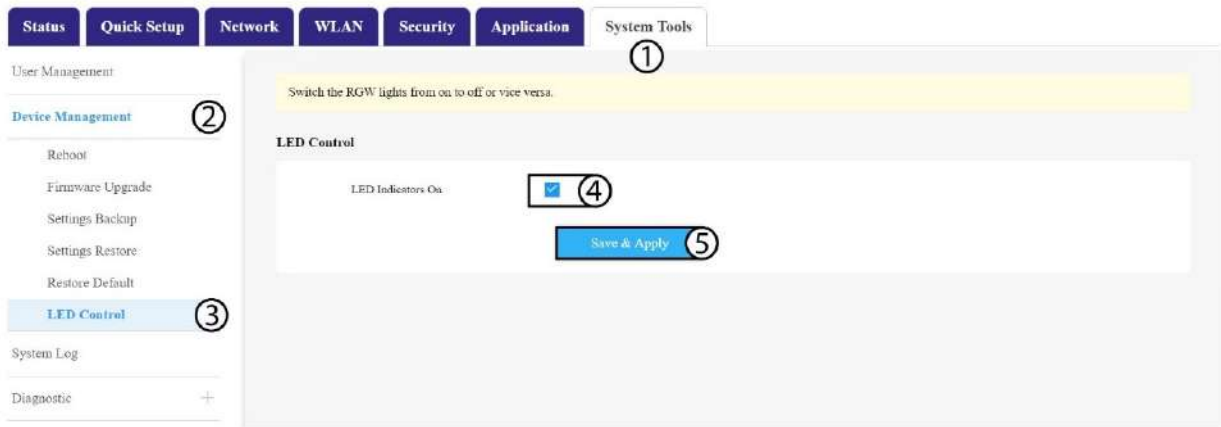
2. Click **Ok** in the message that appears.



LED control

You can deactivate the LED of your router.

Click **System Tools** in the top bar, then click on the **Device Management** section and **LED Control**. Then, uncheck the **Led Indicators on** box and click **Save & Apply**.

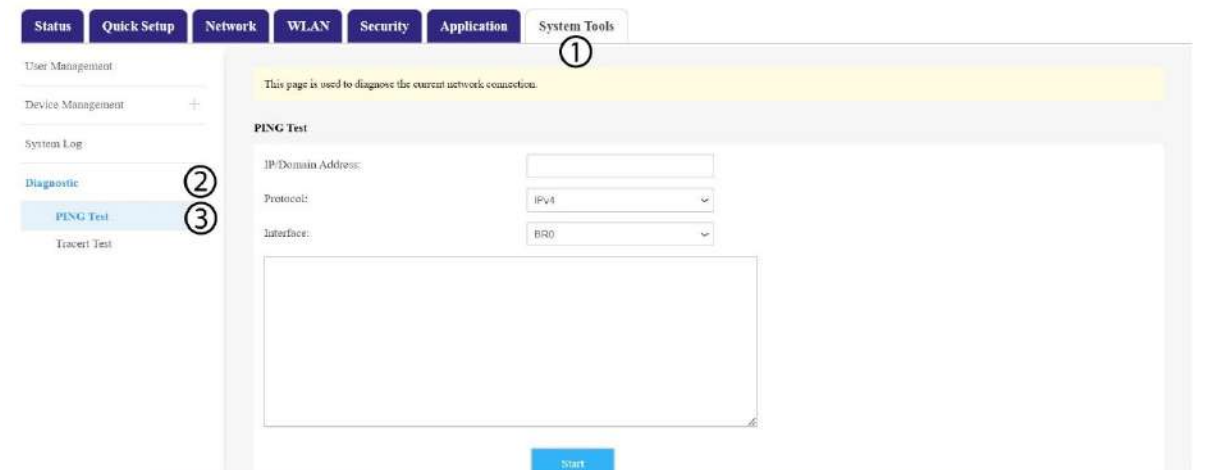


Diagnostic

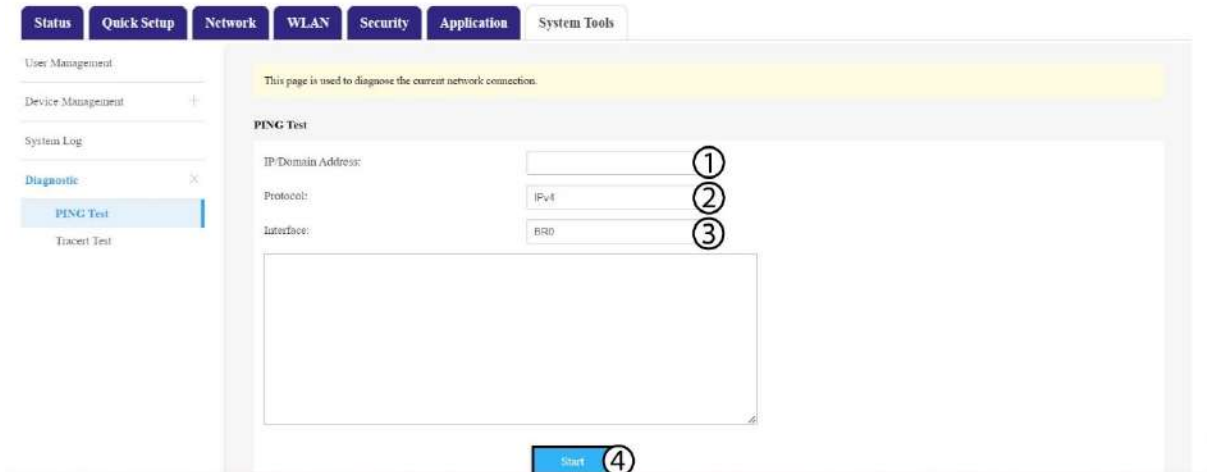
Ping Test

You can perform a ping test.

1. Click **System Tools** in the top bar, then click on the **Diagnostic** and **PING Test**.



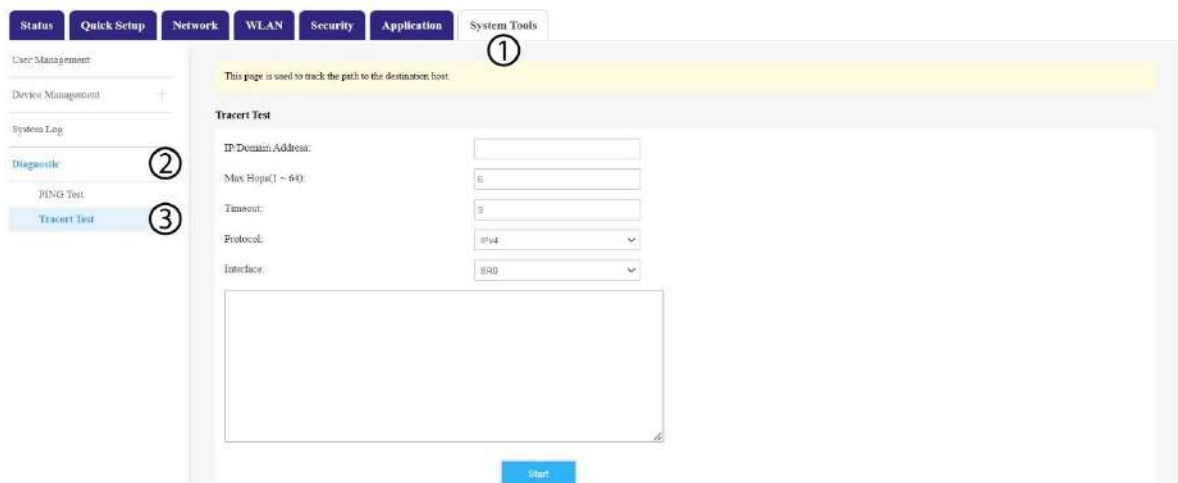
2. Enter the following information before clicking **Start**:
 - **IP/Domain Address**: Enter the IP address.
 - **Protocol**: Select the type of protocol in the drop down list.
 - **Interface** : Select the appropriate value in the list.



Tracer Test

You can perform a trace route test.

1. Click **System Tools** in the top bar, then click on the **Diagnostic** and **Tracer Test**.



2. Enter the following information before clicking **Save & Apply**:
 - **IP/Domain Address**: Enter the IP address.
 - **Max Hops**: Enter a value between 1 and 64.
 - **Timeout** : Enter a value.
 - **Protocol**: Select the protocol in the drop down list.
 - **Interface**: Select the appropriate value in the drop-down list.

This page is used to track the path to the destination host.

Tracer Test

IP Domain Address: ①

Max Hops(1 ~ 6): ②

Timeout: ③

Protocol: ④

Interface: ⑤

⑥