4G LTE Wi-Fi
JT301

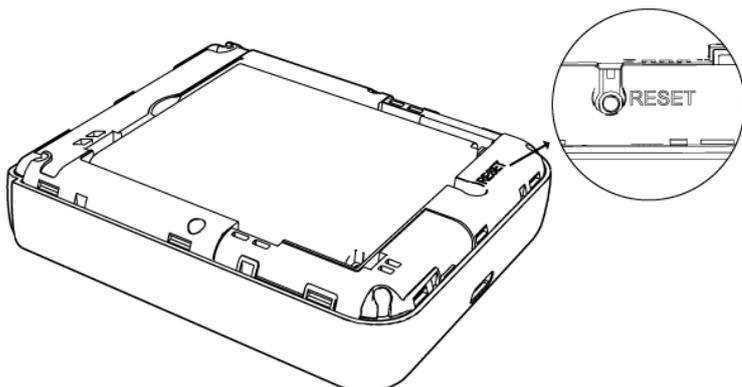# User Guide

CHAPTER 1: INTRODUCTION
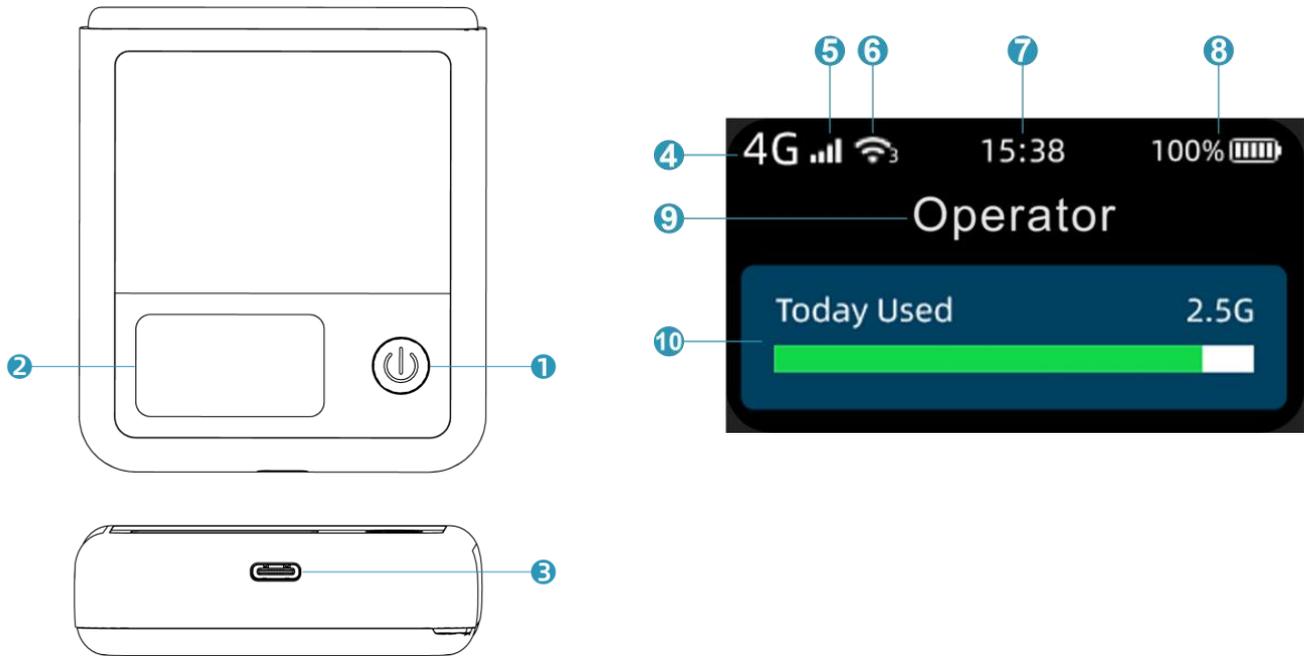
Device Overview

1. Power button
2. LCD
3. USB Type-C port
4. Network mode
5. Signal strength
6. Wi-Fi Status
7. Time
8. Battery Status
9. Operator name
10. Traffic usage

Note: Hard reset (Open the cover, you will see it)

Hardware Installation

Installing the SIM Card

Following the instruction to install your SIM card:

1. Remove the SIM card from the outer card, being careful not to touch the gold contacts.

2. Turn the power off. Remove the battery cover and take the battery out. Locate the SIM card slot. Hold the card so the writing on the back of the card is facing you and the gold contact points are properly aligned with the SIM card slot.

3. Insert the SIM card into the slot until it is fully inserted.
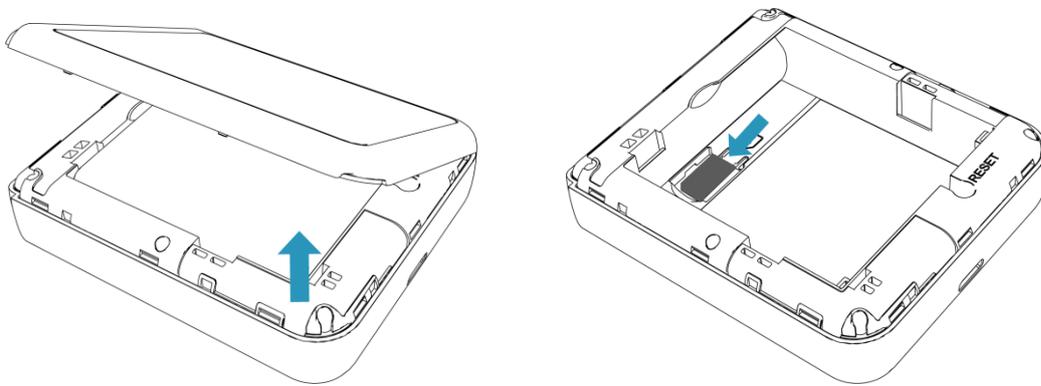
Note:

Do not remove SIM card when the device is powered on since this may damage the card and the device.

Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water or dirt.

Inserting and Charging the Battery

1. Remove the battery cover and align the battery contacts with the terminals in the battery compartment as shown. Push the battery down until it clicks into place.
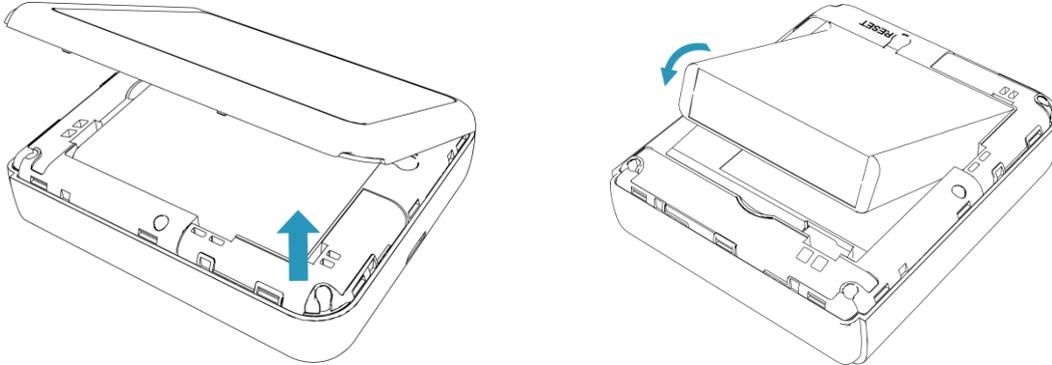
2. Place the battery cover over the battery compartment and press it downward until it clicks into place.
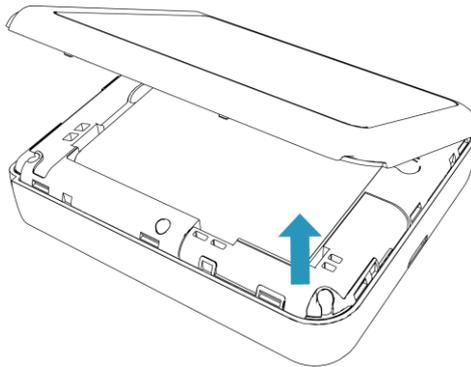
3. Your device comes with a charger. To charge: Plug one end of the charger into an electrical outlet and the other end into the device's USB Port.
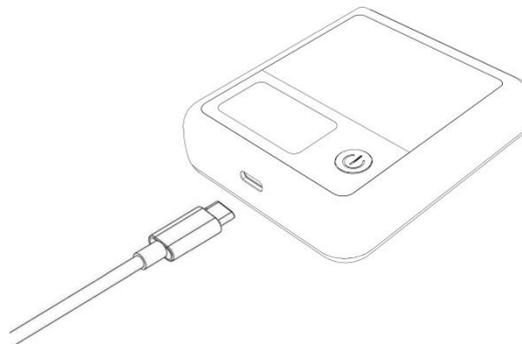
Removing the SIM Card

1. Open the SIM card cover.
2. Gently remove the SIM card from the SIM card slot and close the SIM card cover.

Setting up Wi-Fi connection

1. Press and hold the Power Button for 3 seconds until the battery indictor light. After a few seconds, the Wi-Fi signal icon will appear on the display.

2. Look for the network (SSID) "JT-2.4G-XXXXXX" or "JT-5G-XXXXXX", where XXXXXX are the last 6 digits of the device MAC address.

3. Click "Connect" and enter the default password found on your device. Your Wi-Fi SSID and password can be found on the device label.

Setting up your WPS

If your terminal support WPS, you do not have to input the password manually once your WPS has been set up.

To use WPS please follow these steps:

1. Press "WPS" button on the device to active WPS function, or you can enable WPS in the WebUI through Settings->Wireless->WLAN Settings->WPS.

2. Then you can enable the WPS function on your terminal to connect the hotspot.

Logging into the WebUI

3. Make sure your device is connected to the hotspot via Wi-Fi or USB Type-C cable.

4. Open the browser, and input http://192.168.0.1 or http://mifi.home in the address bar.

5. Enter username and password and click "**Login**". The administrator has the right to check and modify configuration permission.

Note: The default user name is admin; the default password is "admin".

Note: You can find the default username and password printed on the device label on the back of the device.
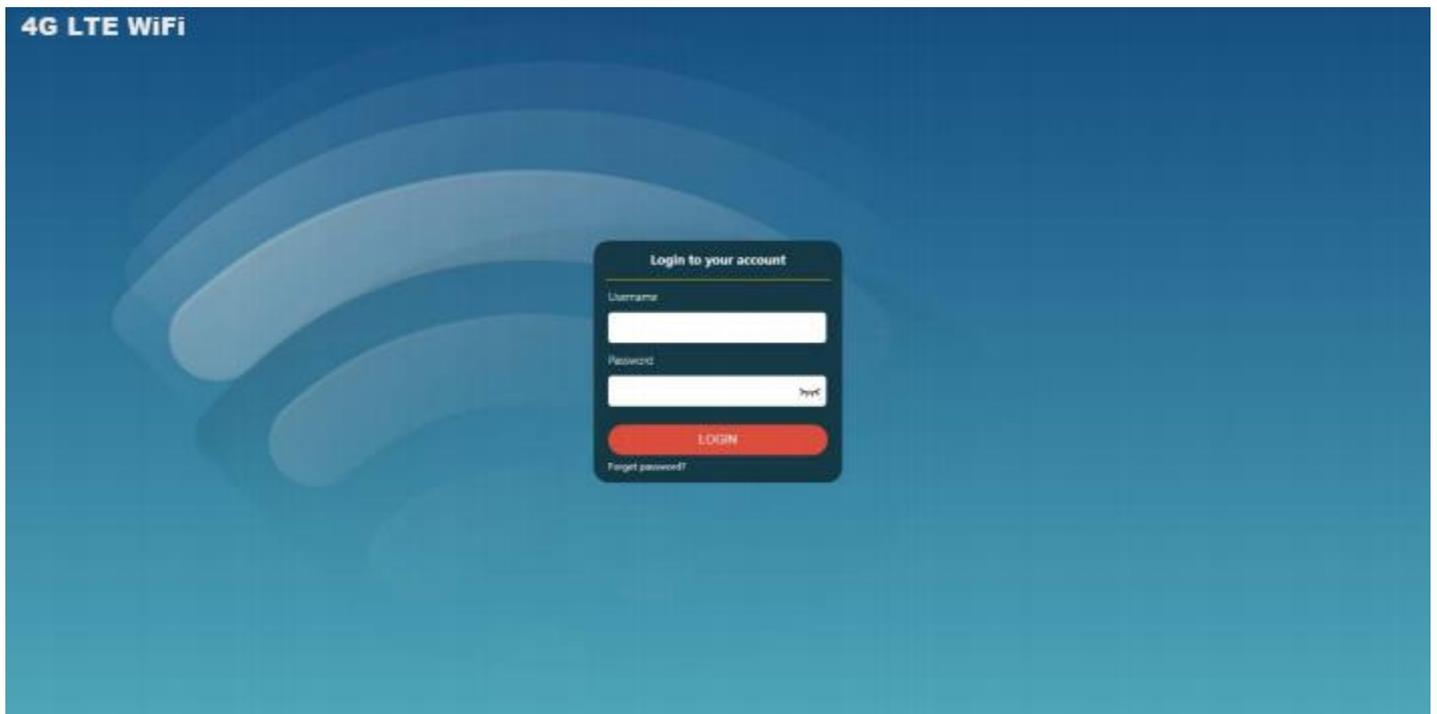
CHAPTER 2: DEVICE CONFIGURATION

Log in to your Device

To configure your device, open a web browser on your terminal and input the default URL:

1. Make sure to connect your terminal (e.g. tablet, PC, etc.) to the hotspot via Wi-Fi or USB cable.

2. Log in to **http://192.168.0.1** or http://mifi.home in your browser.

3. The default username is **admin**.

The default password is "admin".

It is suggested to change the default login and password of the WebUI to prevent unauthorized users from changing the hotspot's settings.

Congratulations! You have successfully logged in to your Hotspot.

Once you have logged in to your hotspot via your web browser, you can see the Home page for the hotspot.

Home Page

In the Home section, you can select one of the below three options to configure your device:

SMS

You can click "**SMS**" to see text messages you may receive from your service provider or others.

Inbox: You can read, select, delete, refresh and select multiple text messages.

Mobile Network

Mobile Connection

In this menu, you can configure your mobile data connection.
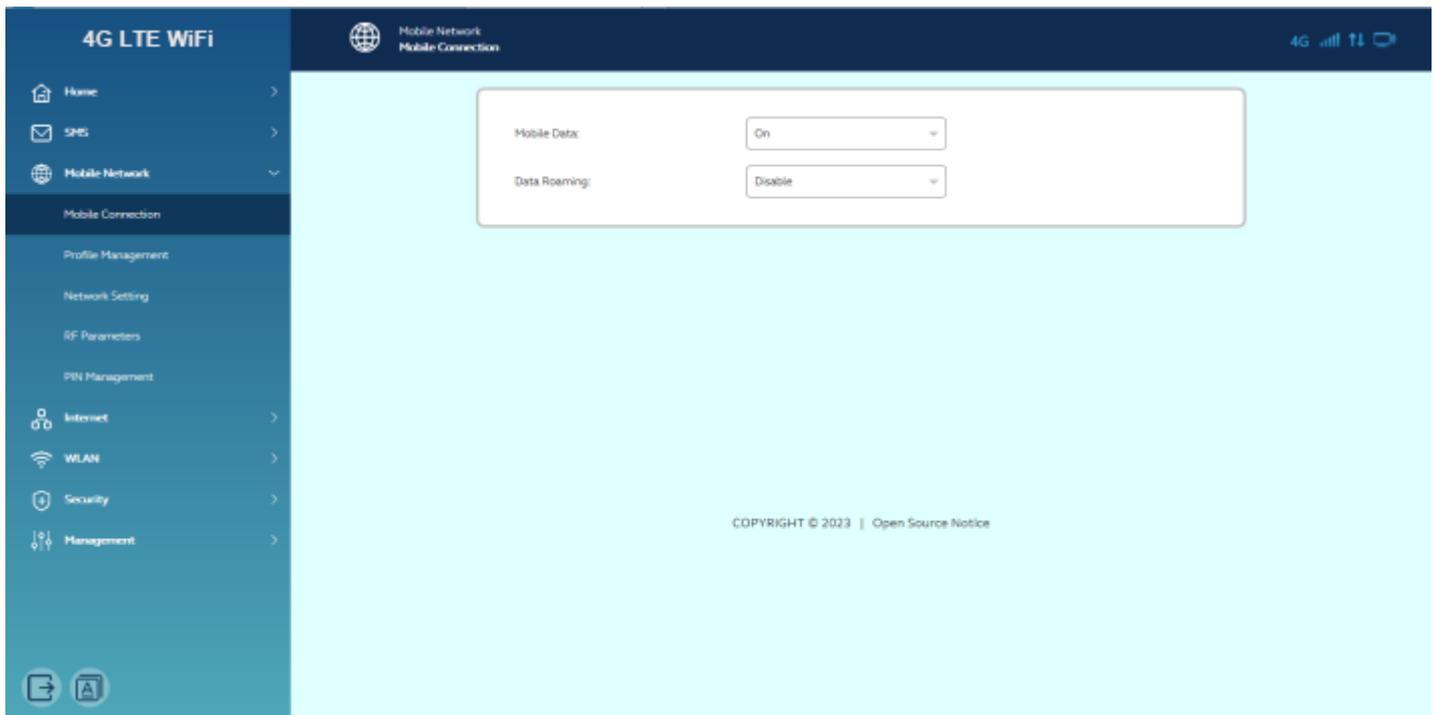
Mobile Data: To Enable/Disable Mobile connection

Data Roaming: To Enable/Disable Roaming connection

Profile Management

In this menu, you can configure your apn settings.

Note: If you are unsure of your APN Settings, please contact your service provider.

The hotspot supports auto-APN, which means you do not need to edit APN settings for in most cases.
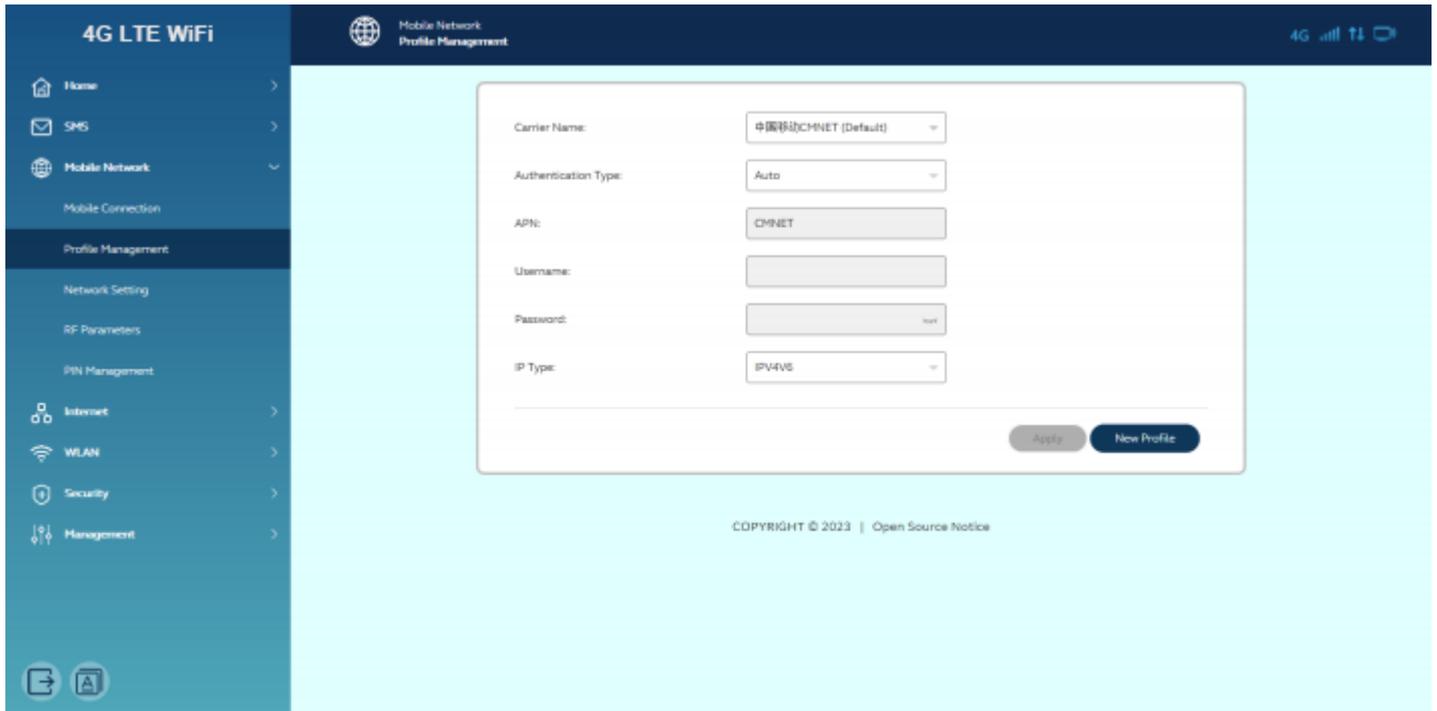
Carrier Name: APN profile name

Network Setting

In this section you can select the network mode and search mode. It suggest to keep the default settings.
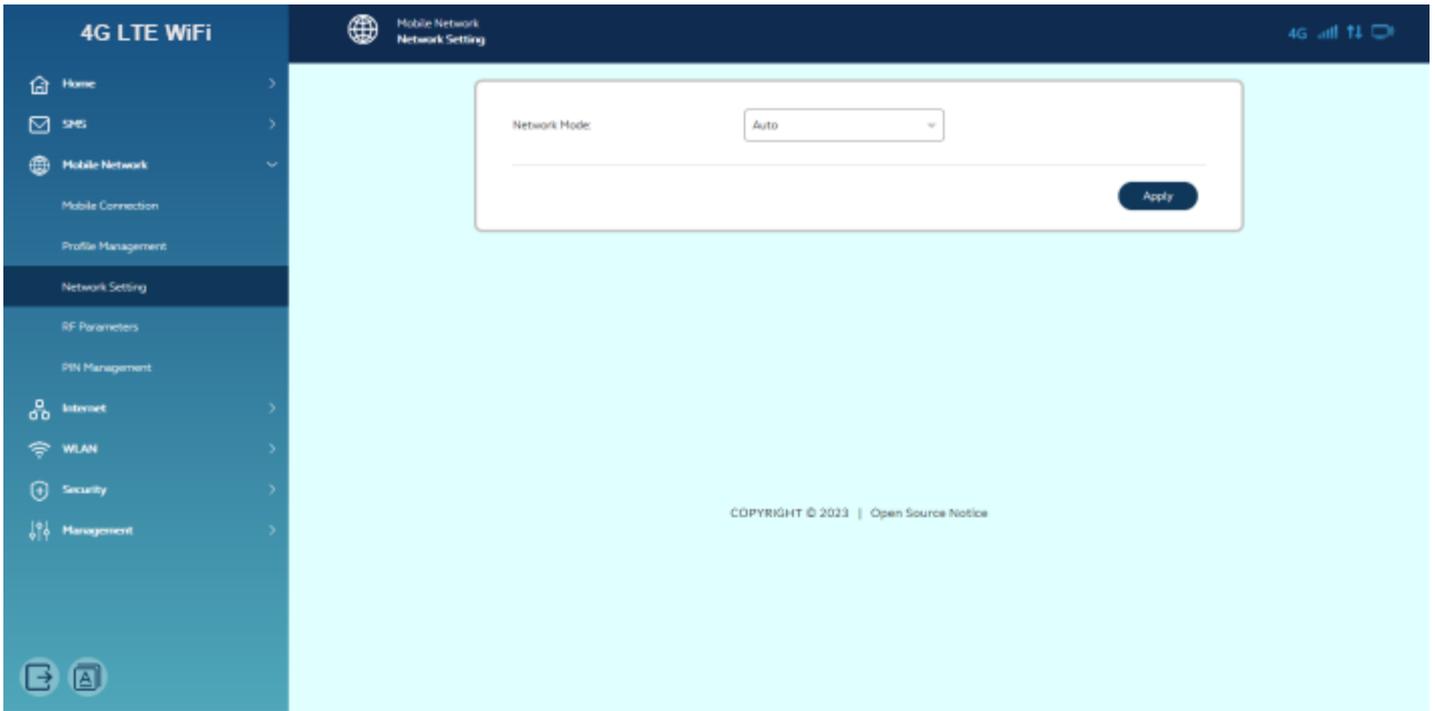
RF Parameters

In this section you can view the network parameters which represent the network signal.
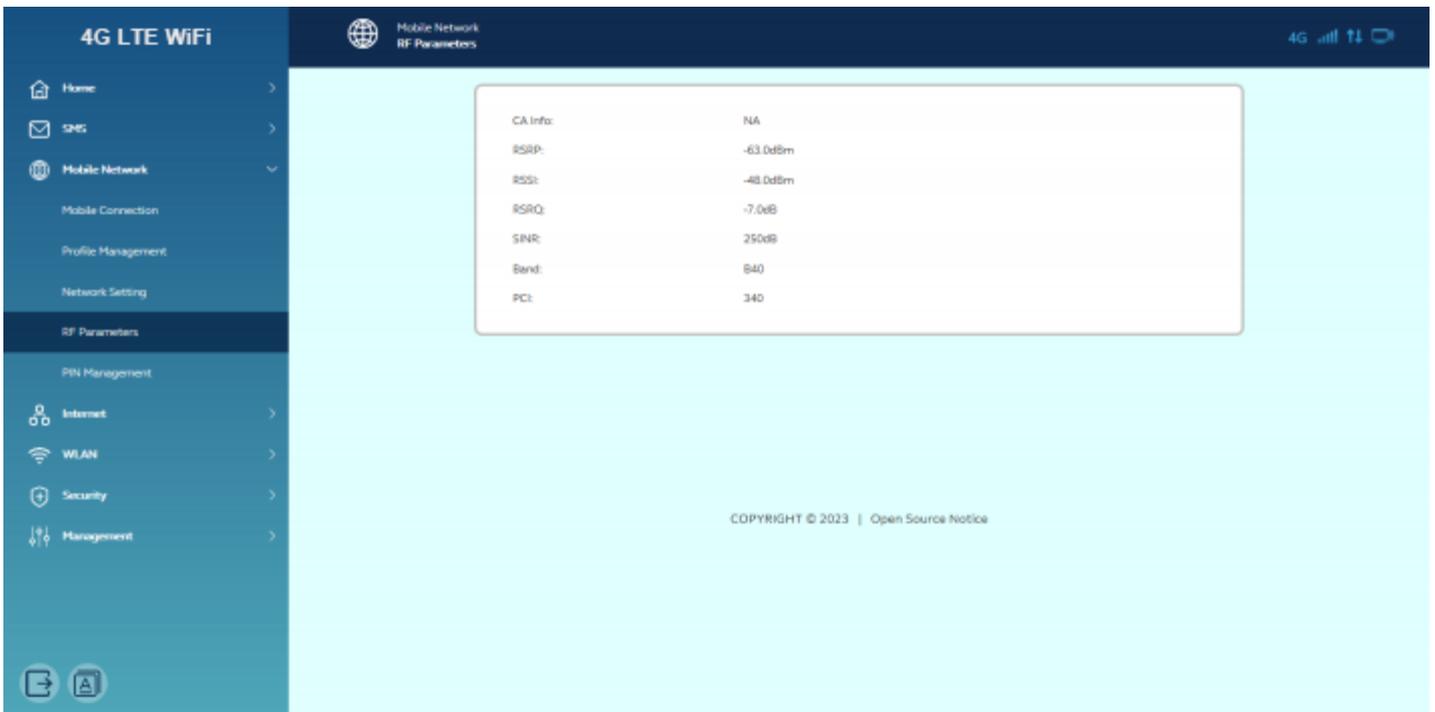
PIN Management

In this section you can enable or disable PIN on your SIM card. Please be aware that you can only enter the incorrect PIN 3 times before the SIM card will be locked. To unlock the SIM card, a PUK code will need to be entered.

Note: You will need to request the PUK code from your service provider.
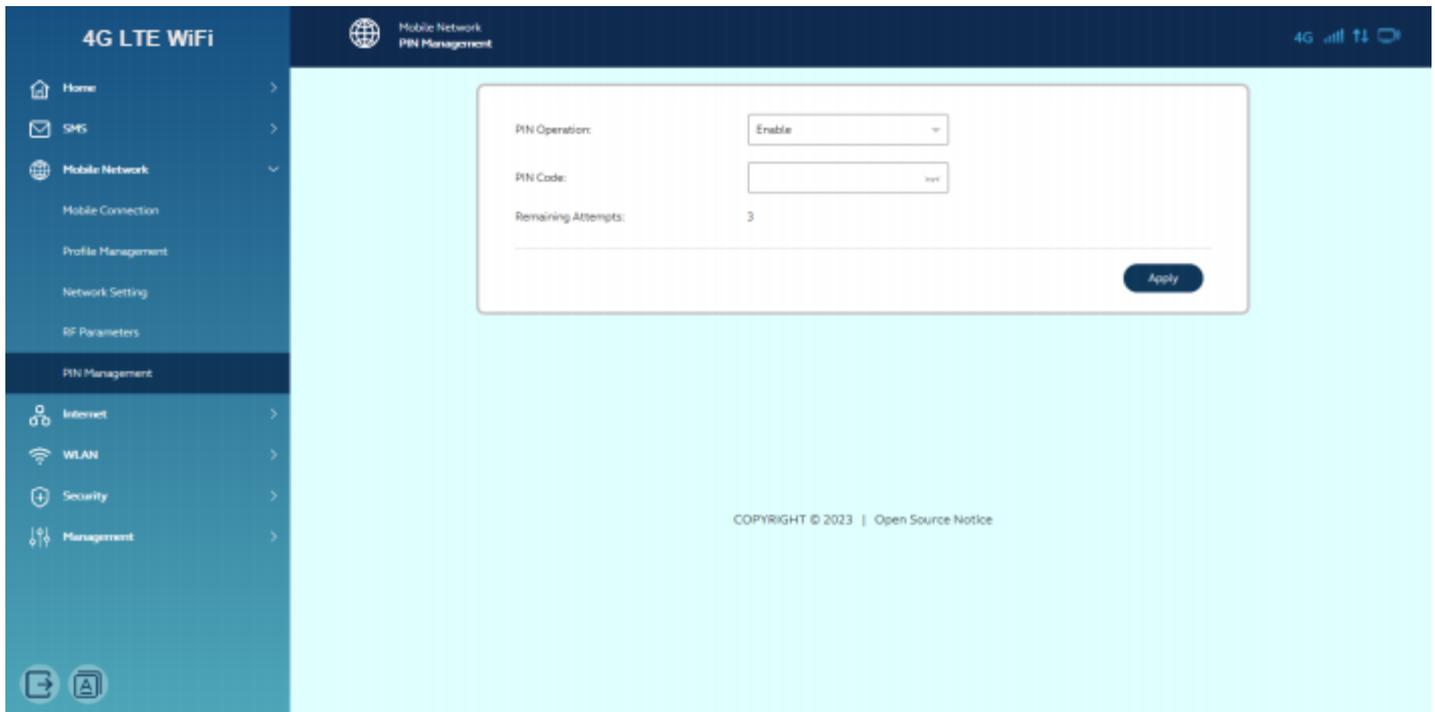
Internet

DHCP

In this menu, you can configure the DHCP settings. The default values are:

- DHCP server is enabled
- Gateway IP address: 192.168.0.1
- DHCP IP Range: 192.168.0.100 to 192.168.0.200
- DHCP lease time: 24 hours(86400 seconds) Click "**Apply**" after configuring the new settings.
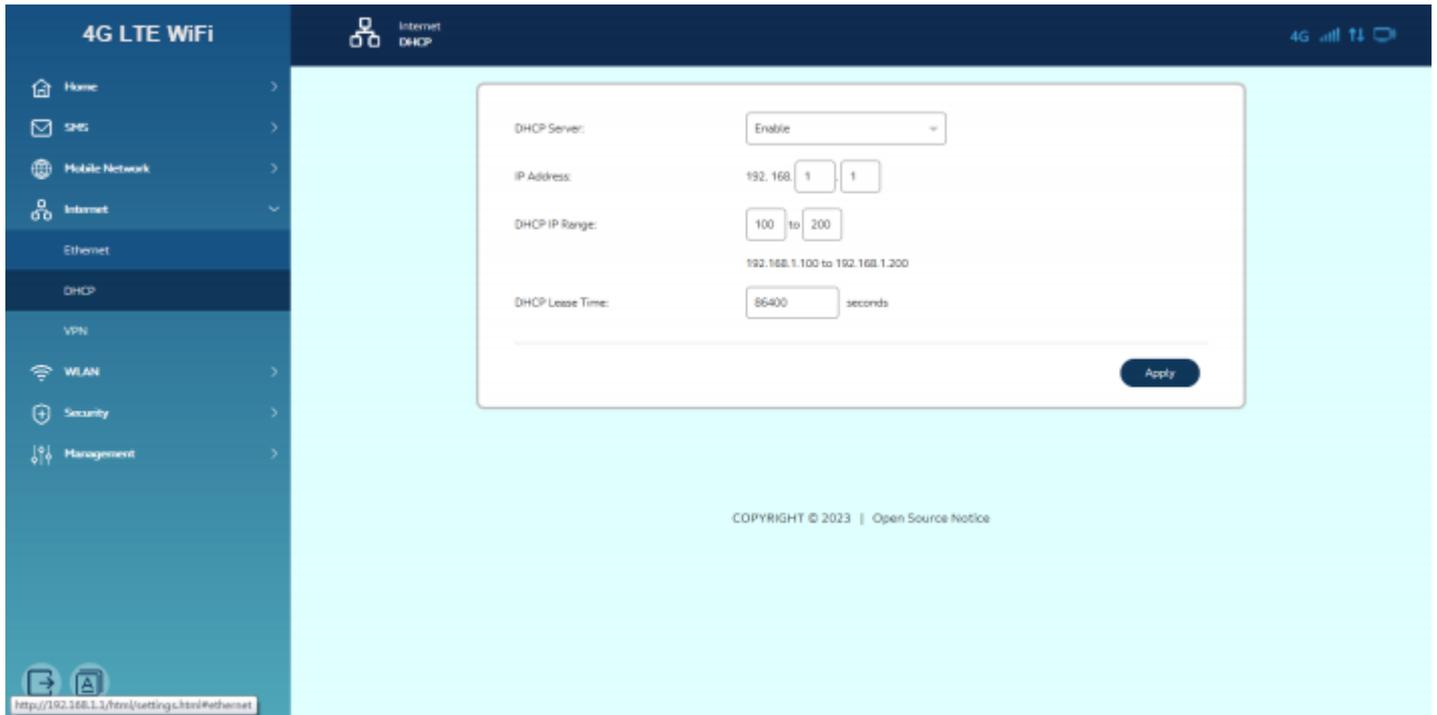
WLAN

Wi-Fi Basic Settings

In this menu you can configure the Wi-Fi basic settings for your hotspot. You can change the Wi-Fi SSID and password in this section, after updating your settings click "**Apply**".

Note: Any changes made in this section may require you to reconnect to Wi-Fi
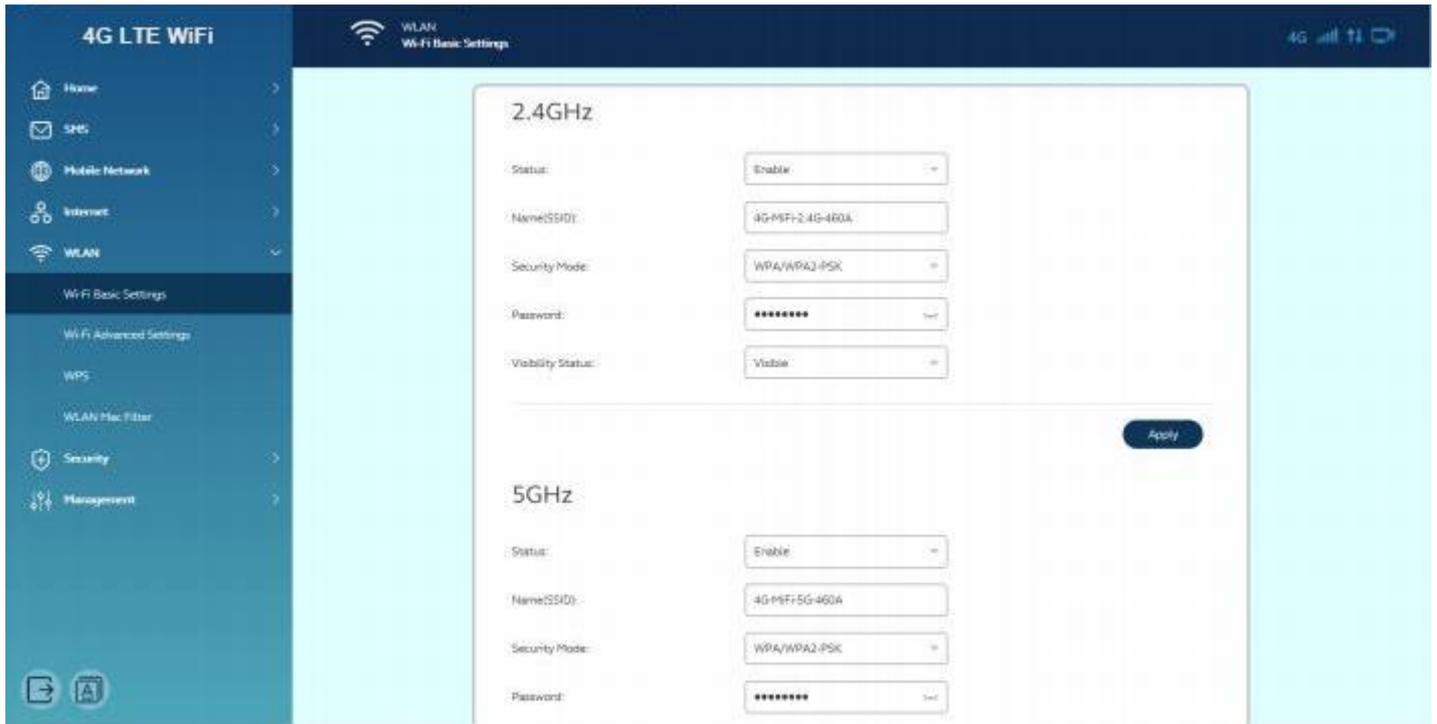
Wi-Fi Advanced Settings

In this menu, you can configure the Wi-Fi advanced settings for your hotspot.

2.4GHz is for 802.11b/g/n

5GHz is for 802.11 a/n/ac

If you are unsure of the Wi-Fi Channel or/and Channel Width, it is suggested to keep the default settings.
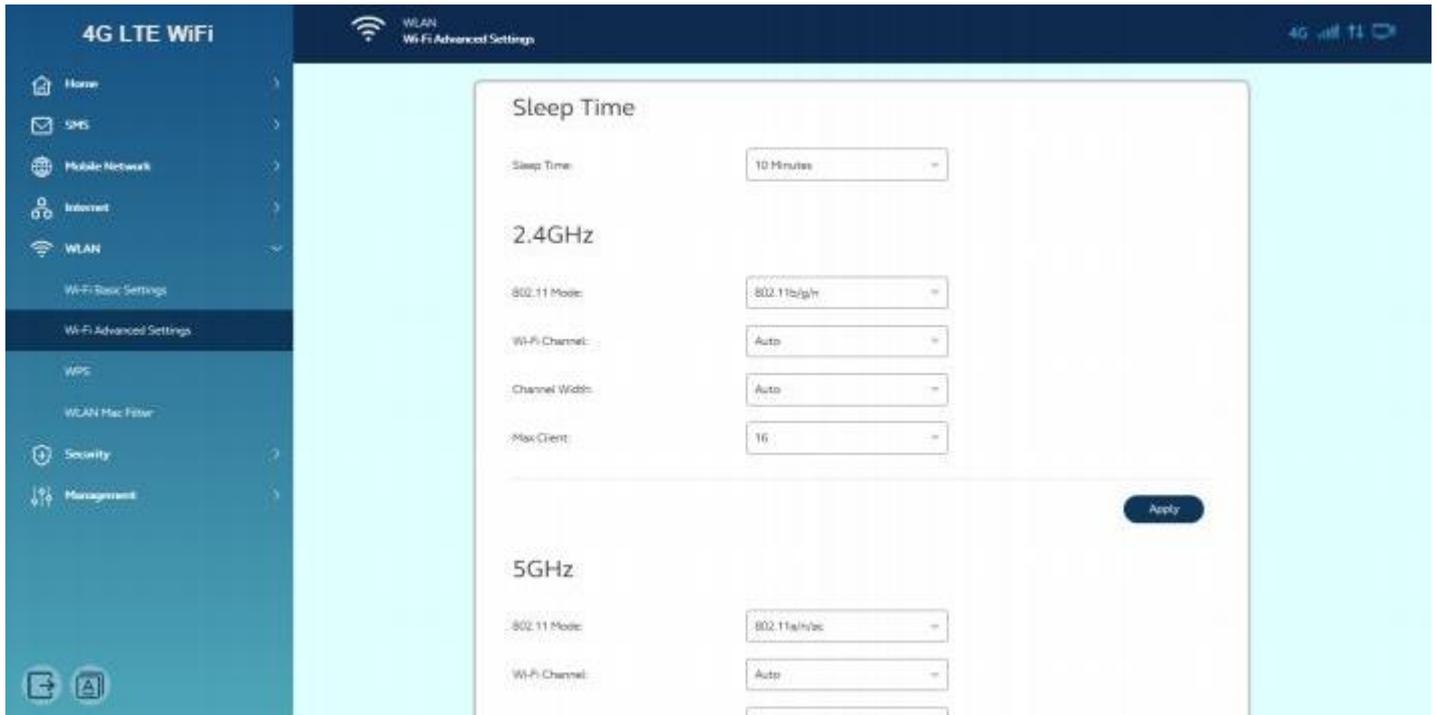
WPS

In this menu, you can Enable/Disable the WPS function.

The default setting is Enable.
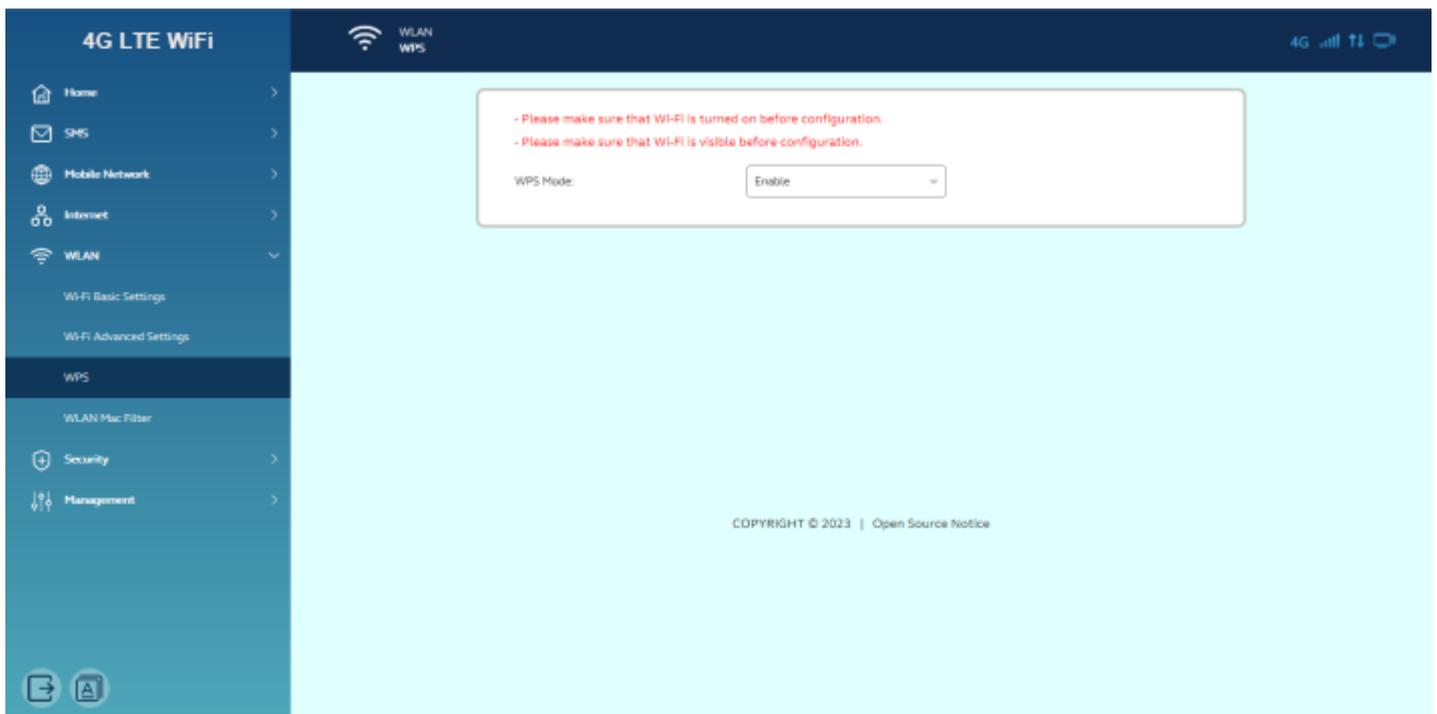
WLAN MAC Filter

MAC address filtering (also known as aka link-layer filtering) is a feature for IPv4 addresses that allows you to include or exclude computers and devices based on their MAC address. Every Ethernet device has a unique MAC (Media Access Control) address. The MAC address is assigned at the factory and consists of six pairs of hexadecimal characters (for example, 00:DS:GG:22:35:01).

You need to know the MAC address of the devices you wish to filter.

You can choose "**Whitelist**" or "**Blacklist**". Both can be configured by selecting the WLAN Mac Filter option.

-**Disable** will disable the WLAN MAC filter.

-**Whitelist** will only allow devices with the selected MAC address(es) connect.

-**Blacklist** will only deny devices with the selected MAC address(es) from connecting.
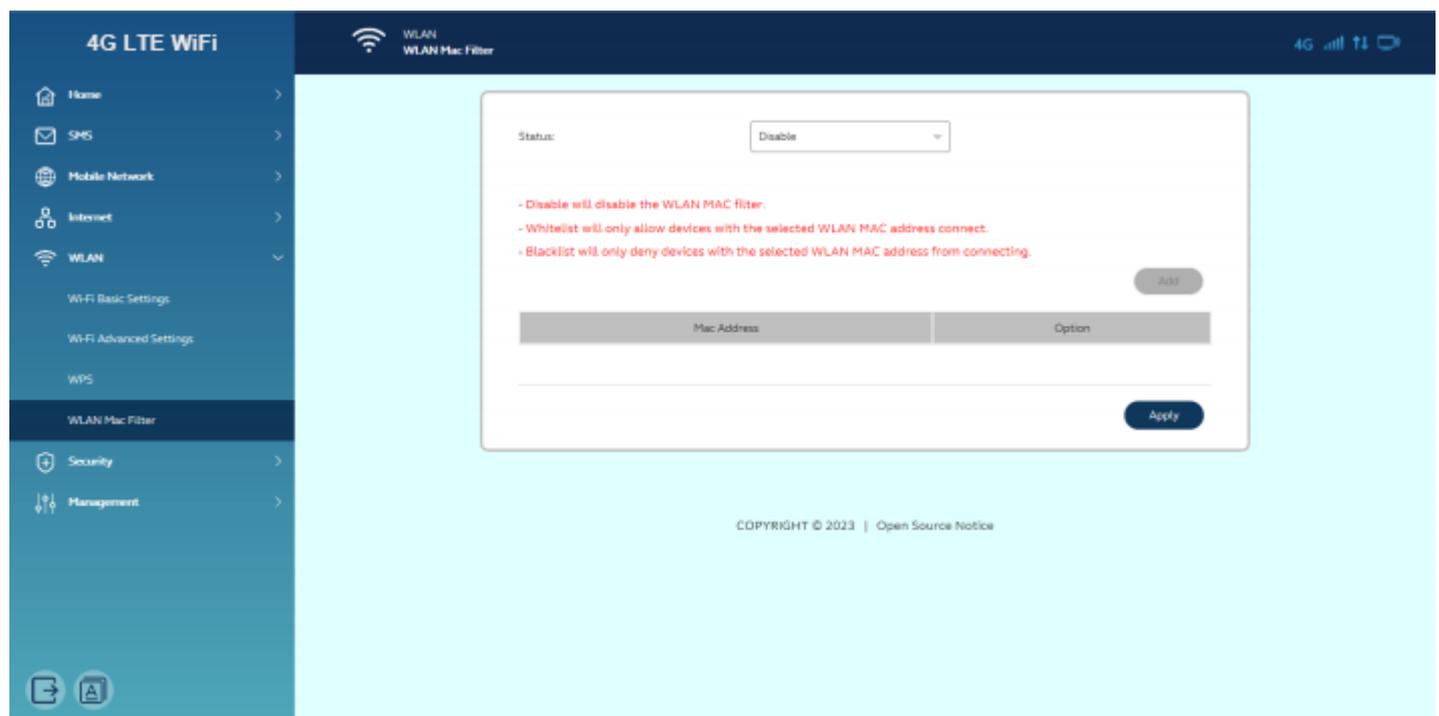
Security

Mac Filter

You can filter the packages by Lan MAC address. You can select **"Disable"** or "**Whitelist**" or "**Blacklist**" in the status menu.
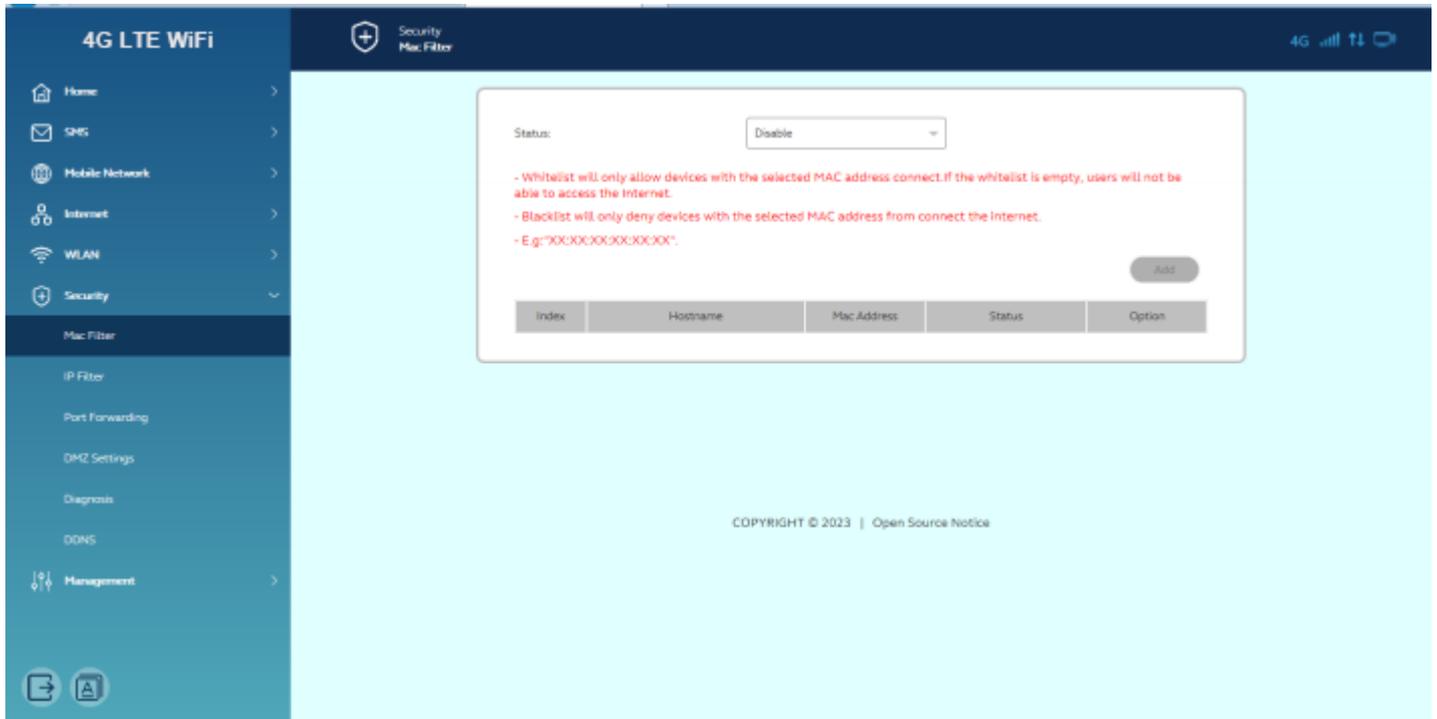
- **Whitelist:** Set websites that users are allowed to access. If the whitelist is empty, users will not be able to access the Internet.

- **Blacklist:** Set the websites that you do not want users to access.

- Click **"Add"** button to add a new mac-filter rule. **"Hostname"** can be defined by users, **"Mac Address"** is the mac-address you want to filter. Set **"Status"** with on.

- Settings will not take effect until the **"OK"** button is clicked.

- You can click the **"Edit"** button to modify the rule and **"Delete"** button to delete the rule.

IP Filter

You can filter the packages by IP address, Protocol, Port number. IP Filtering's settings includes LAN IP address, LAN port, WAN IP address, WAN port and Protocol functions.

- **Whitelist:** Set websites that users are allowed to access. If the whitelist is empty, users will not be able to access the Internet.
- **Blacklist:** Set the websites that you do not want users to access.
- The value range of LAN/WAN Port is 1-65535.
- Settings will not take effect until the "Apply" button is clicked.
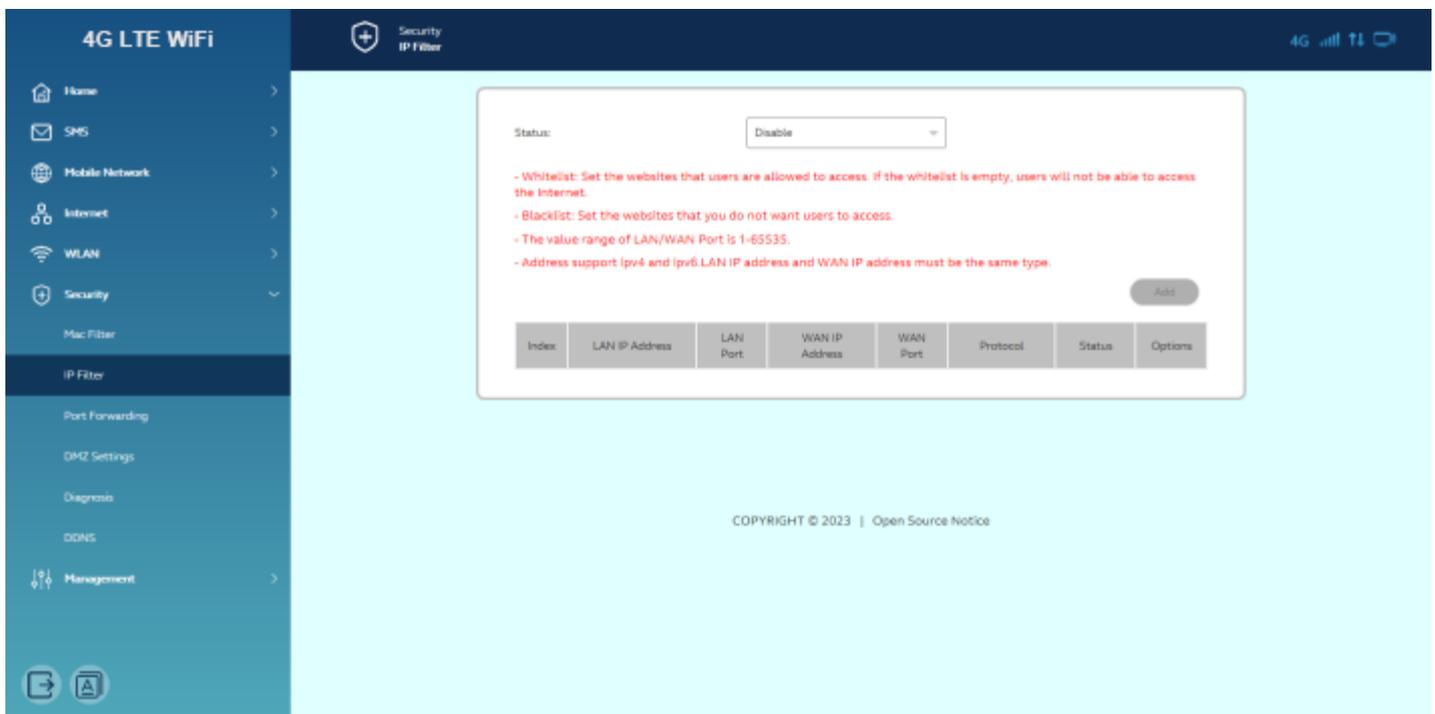
Port Forwarding

In this section you can enable external computers to access FTP or other services provided by the LAN.

- IP address: Assigned to each device connected to a computer network that uses the Internet Protocol for communication.
- LAN/WAN port: The part of the computer that provides services. It is a single part, and the value range of LAN/WAN Port is 1-65535.

- Protocol: Protocols applied by services.
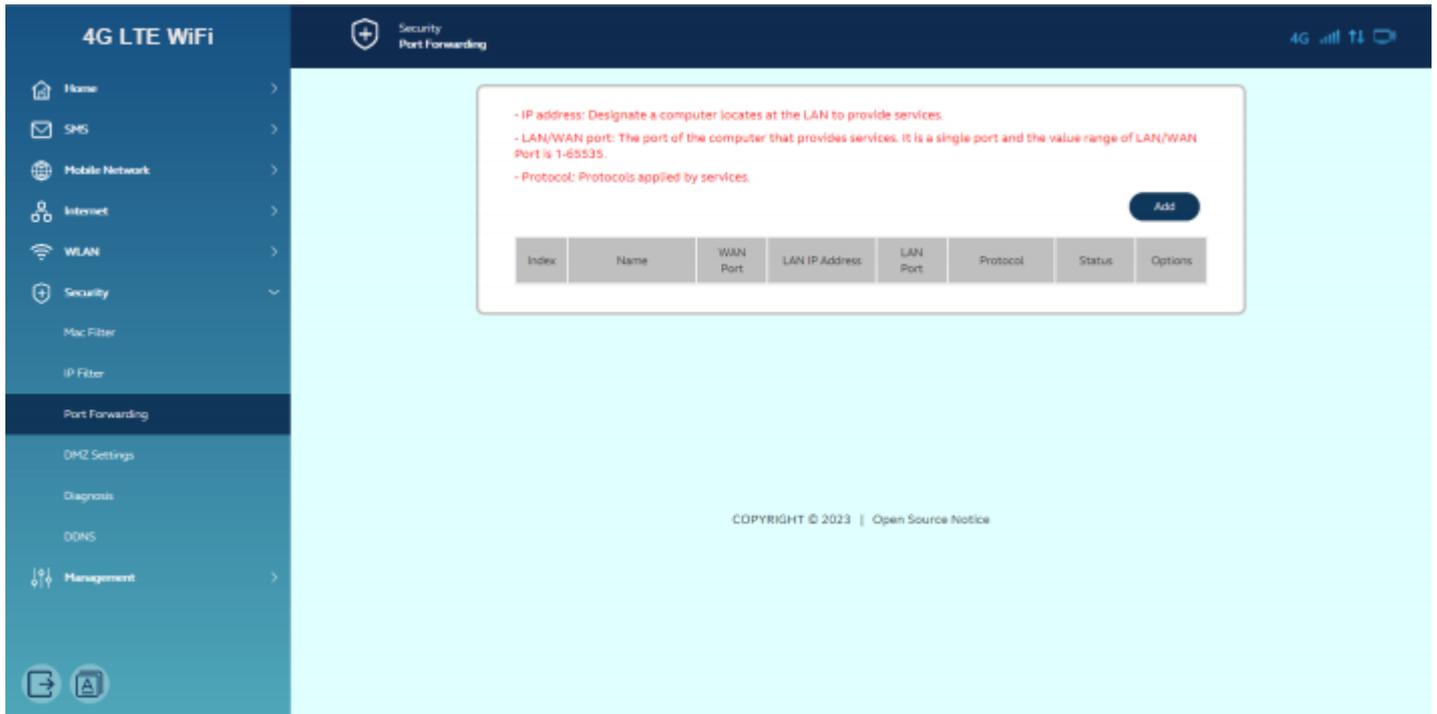
Example: How to setup Port Forwarding for port 21 (FTP server)

Note: This will enable you to provide access to others to your FTP server on your LAN through WAN.

Step 1: Assign a static IP to your local computer that is hosting the FTP server.

Step 2: Log in to the Gateway, and go to Settings ->Security -> Port forwarding.

Setp 3: Set WAN Port to 21;

Set LAN IP Address to be the static IP of computer, and Set LAN port to 21.

Step 4: Click **"Apply"** to activate.

DMZ Settings

DMZ (Demilitarized Zone) allows an outside network to connect and communicate with internal LAN devices via this WAN interface.
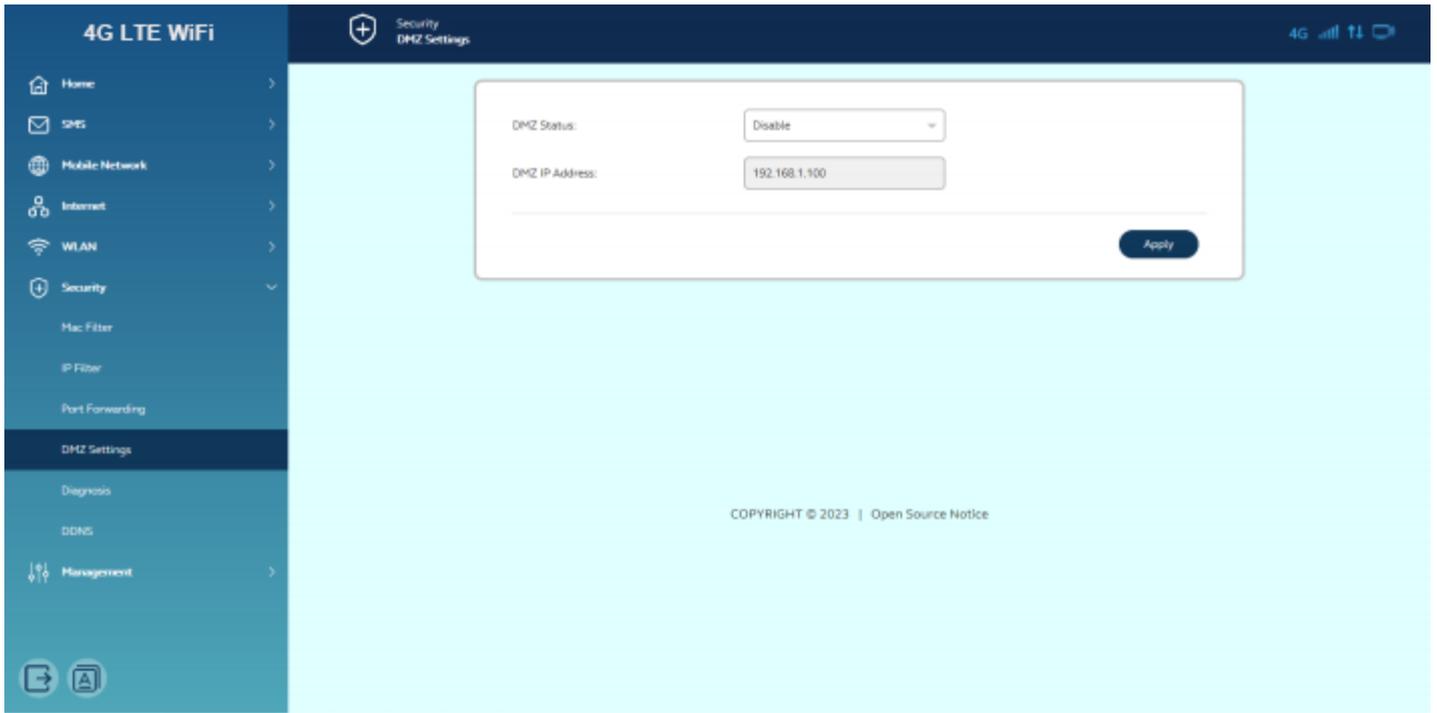
IP Address: Give a static IP address to the DMZ Host when Enabled radio button is checked. Be aware that this IP will be exposed to the WAN/Internet.

Diagnosis
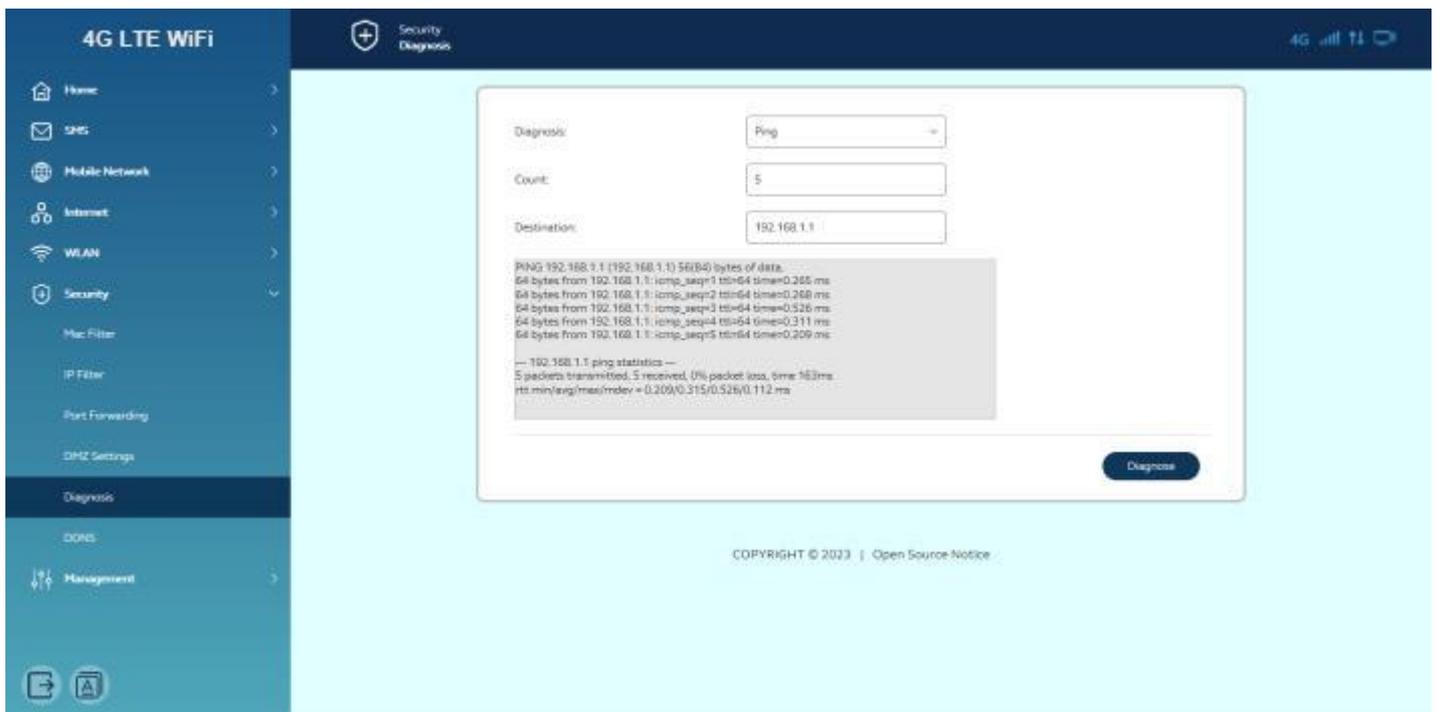
Management

SNTP

In this section you can synchronize the system clock on the device with the network.
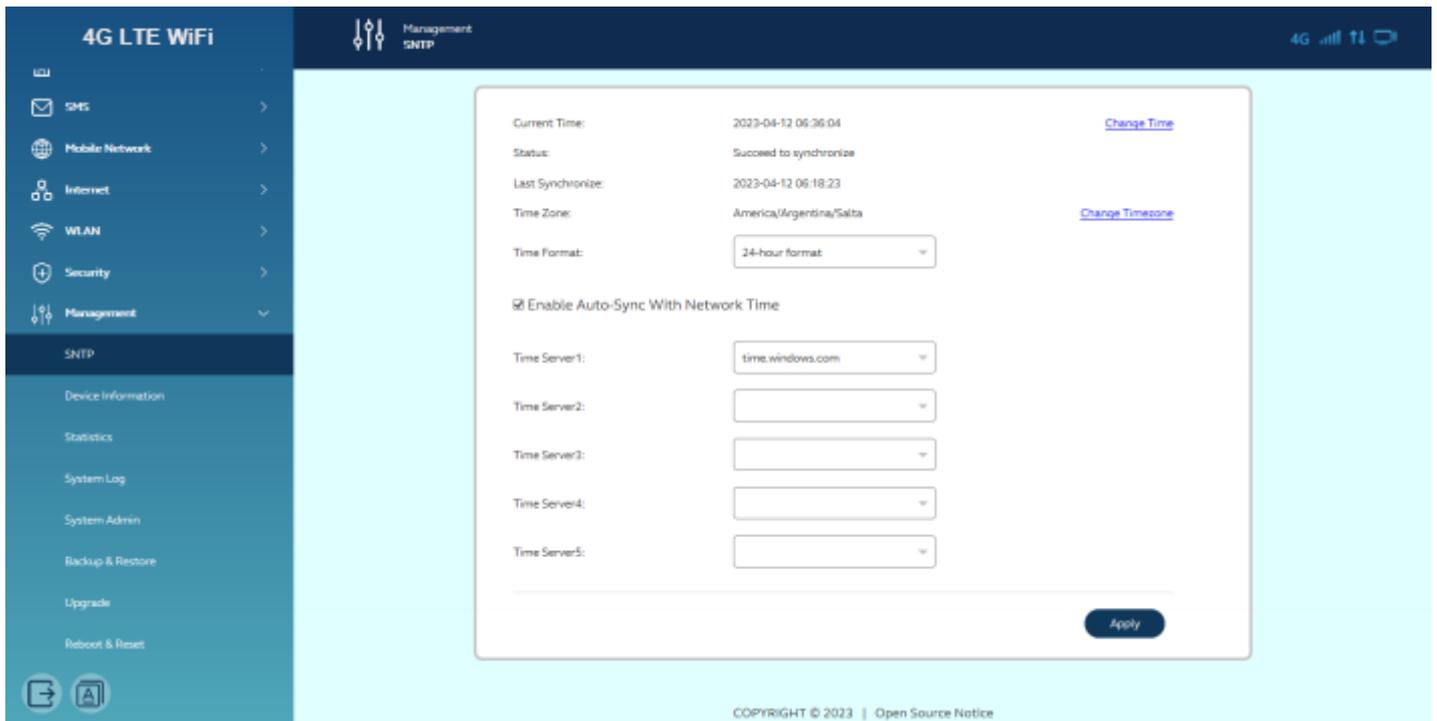
Device Information

In this section you can view basic information about your device. Please contact your service provider for more information.
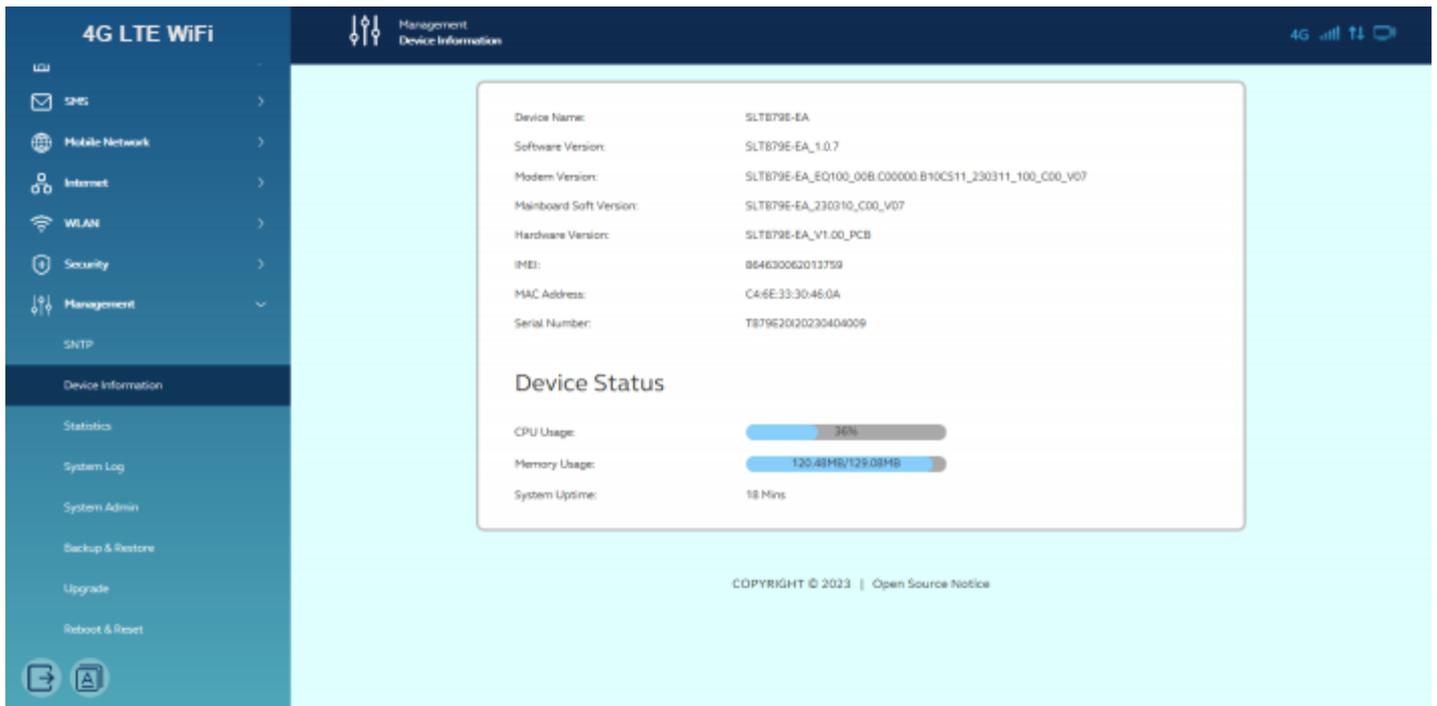
Device Name: Name of the hotspot for identification purposes.

Software Version: Software version currently loaded in the Hotspot.

Hardware Version: Hardware version of the hotspot.

IMEI: The unique identification number that is used to identify the 5G module.

IMSI: The international mobile subscriber identity used to uniquely identify the 5G module.

MAC: A unique number that identifies the hotspot.

Serial Number: The unique identification serial number that is used to identify the hotspot.

Statistics

In this section you can easily monitor your data usage. Please note that upload, download and total data usage will be reset when the device is restored to default factory settings.

Clear History: Click it to clear the history statistics.

SMS
Mobile Network
Internet
WLAN
Security
Management
SNTP
Device Information
Statistics
System Log
System Admin
Backup & Restore
Upgrade
Reboot & Reset

Upload Data: 847.28 KB

Download Data: 8.06 MB

Total Data Usage: 8.89 MB

The Bandwidth monitor tab shows approximate data usage. For a more accurate solution, Please contact your data provider.

Clear History

COPYRIGHT © 2023 | Open Source Notice

System Log

In this section, you can configure and export the system log.

SMS
Mobile Network
Internet
WLAN
Security
Management
SNTP
Device Information
Statistics
System Log
System Admin
Backup & Restore
Upgrade
Reboot & Reset

Windows Media Player

mal_service:	none ▾
monitor:	none ▾
mgdb:	none ▾
router:	none ▾
mnet:	none ▾
wlan:	none ▾
dialup:	none ▾
device:	none ▾
sms:	none ▾
dbm:	none ▾
statistics:	none ▾
fgntp:	none ▾
multiupg:	none ▾
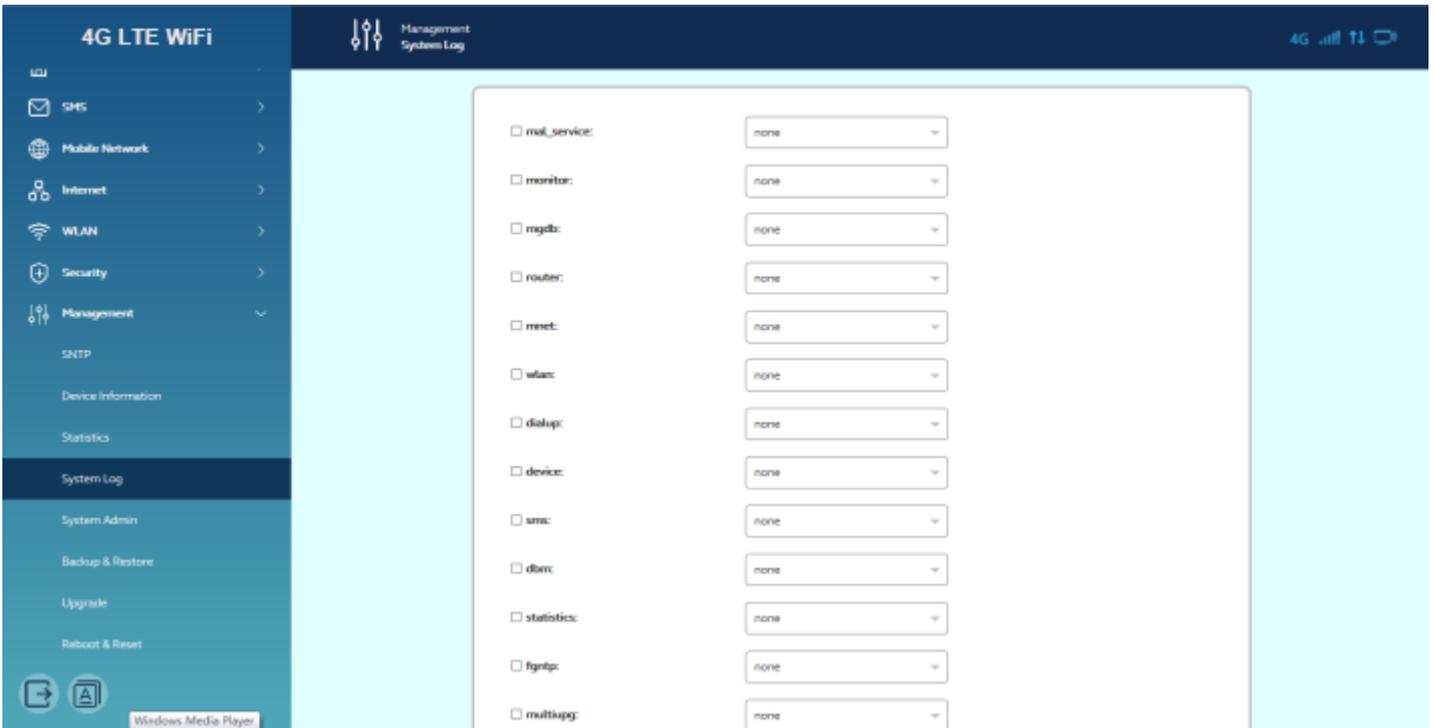
System Admin

The admin account can change all hotspot settings.

Click **Apply** to save the new Username and the new Password.

Note: To keep your hotspot secure, it is recommended to create a stronger password.
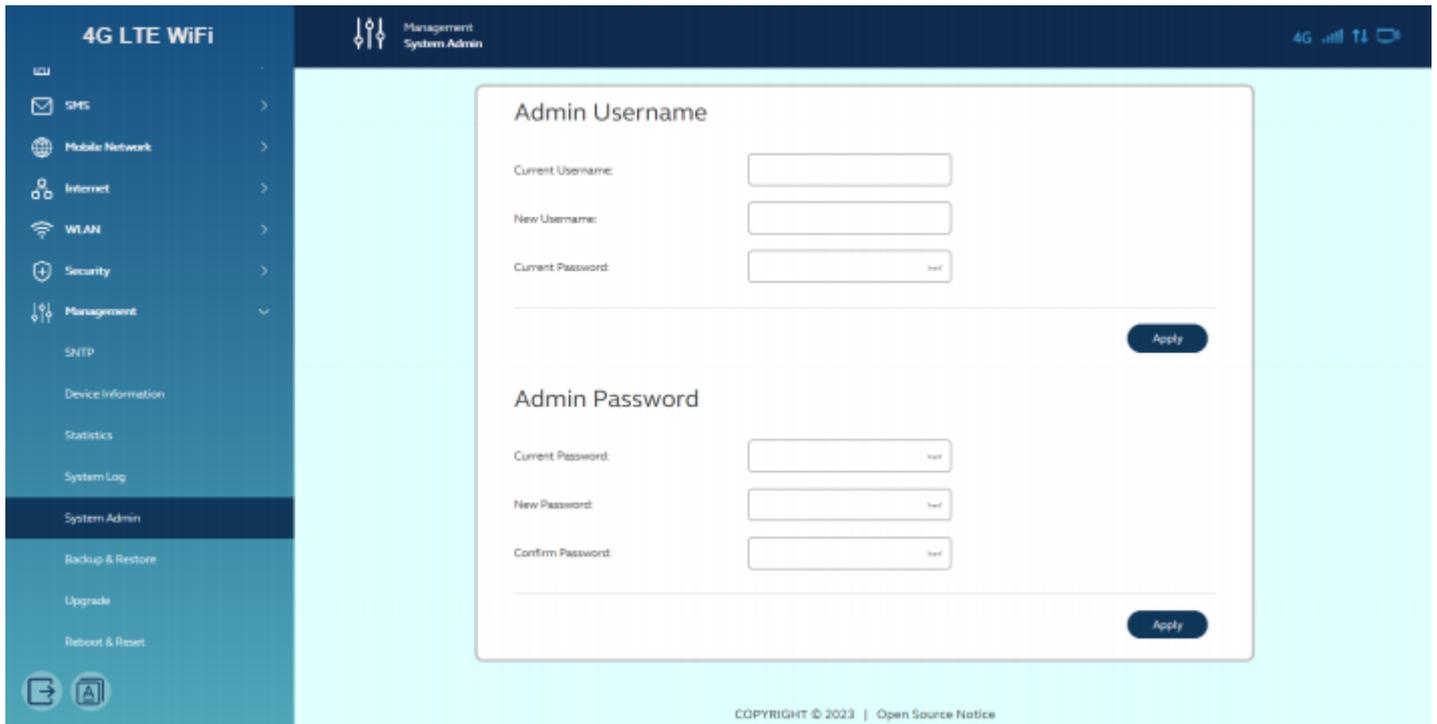
Upgrade

Your hotspot can automatically detect firmware updates. In this section you can manually check if there is new firmware for your hotspot and update. When there is a new version, it will display a **"new"** icon in the WebUI, and you can select the icon to proceed with update. You can also check the current software and hardware information in this page.
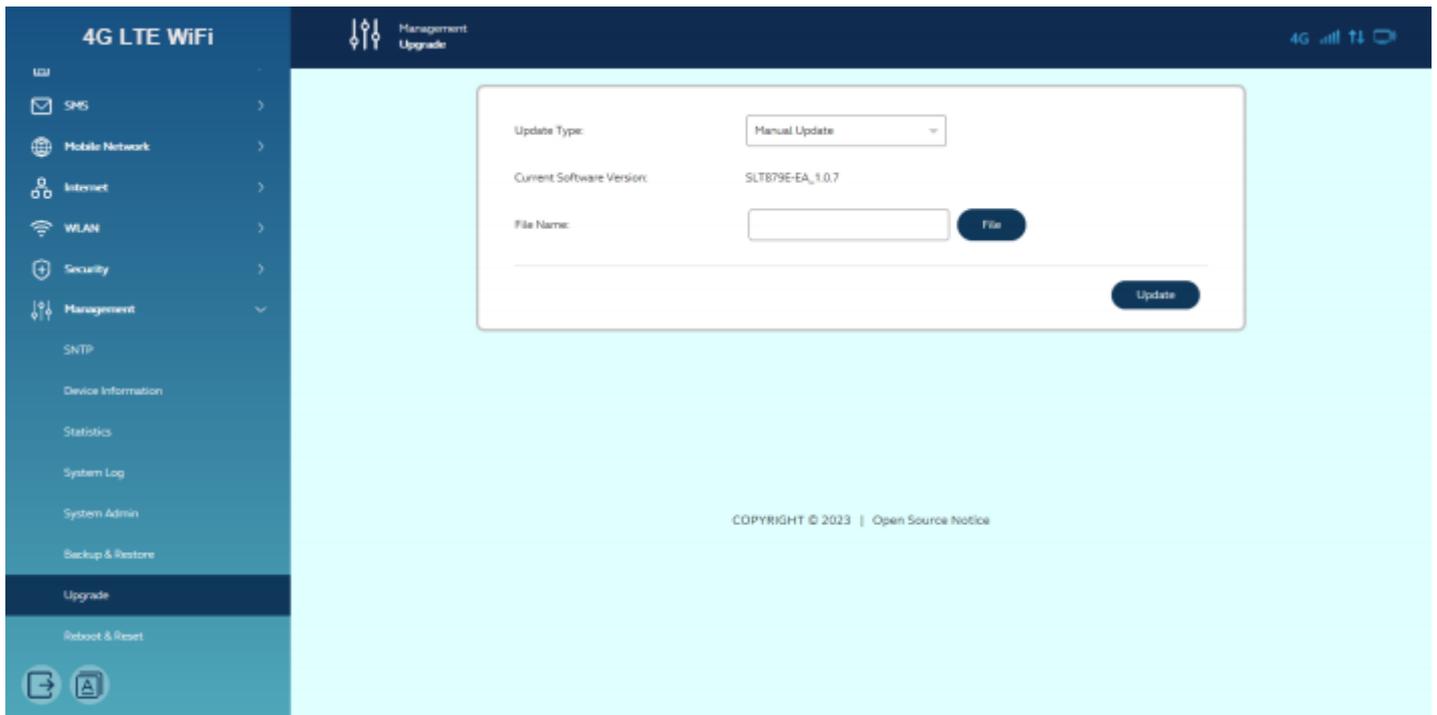
Online Update operation:

Click the button **"Check for update"** to confirm if there is an update available. If there is one available, it will guide you to confirm if you want to proceed with the update.

Reboot & Reset

In this section you can reboot your device or reset it to factory default settings.
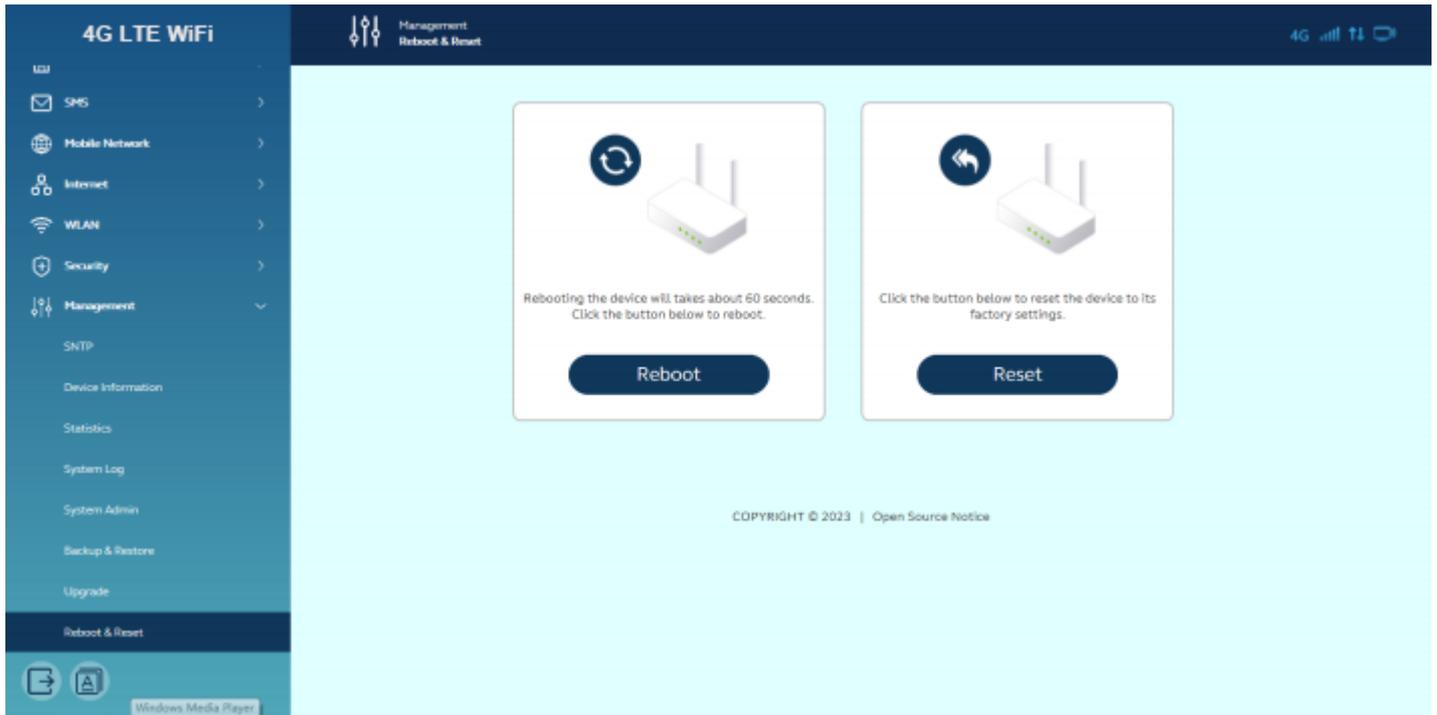
Reboot: Select to reboot your device.

Reset: Select to reset your device.

Logout

Click **logout** to logout from your hotspot. Once you log out you will return to the login page.

CHAPTER 3: Trouble Shooting

If you are having trouble with the device, here are a few trouble-shooting tips:

1. If the device is not responsive, restart it by press the "Power" button for about 3 seconds to show the "Reboot" selection, and then click it. Or press and hold the "Power" button for 8 seconds to restart it directly.

2. If restarting the device does not solve the issue, try restoring the device to its default factory settings.

Q&A

Q: What do I do if I see the SSID but failed to connect?

1. Check if the password you entered is the correct one.
2. Check if WPS security is enabled on your PC. If so, check the device to see if it is expecting a WPS action from your PC.

Q: What to do if there is no service?

A: The possible reasons are unstable network signal or a hardware problem.
You can try the following solutions:

1. If you are inside a building or near a structure that may be blocking the signal, change the position or location of the device. For example, try moving the device close to a window.
2. Check the hardware for any loose parts or damage.

Q: What to do if I have forgotten my Wi-Fi Password?

A:

1. You can find the Wi-Fi Password through the "WLAN → Wi-Fi Basic Settings" menu on the WEBUI.
2. You can also reset the device to factory defaults. The default password is listed on the device label on the back of the device.

Q: What if my SIM card gets locked out?

A: If the SIM card is locked, log in to the WebUI (http://192.168.0.1 or http://mifi.home) and input the PIN or PUK code you received from your service provider.

Note: If you entered the incorrect PIN code 3 times, the PUK will be needed, and if the wrong PUK is entered 10 times, the SIM card will be locked permanently.

Q: Data connection failed.

A: You may be on a limited network coverage area, try to move to a different location or a better network coverage area.

CHAPTER 4: Health and Safety Information

Using Your Device

- Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your device's performance, be hazardous, and violate related national federal regulations.

- Avoid using your device near or inside metallic structures or establishments that can emit electromagnetic waves; it may influence signal reception.

- Your device is not waterproof. Please keep it dry. Use and store in a shady and cool place.

- Do not use your device immediately after a sudden temperature change. In such case, it will produce moisture inside and outside your device. Wait until it becomes dry.

-

- Handle your device carefully. Do not drop, bend, or strike it; your device may get damaged.

- No dismantling by non-professionals and only qualified technicians can undertake repair work.

- An operating temperature range of 14℉(-10。C) to 113℉(+45。C) and humidity range of 5% - 95% are recommended.