KonnectONE K779HSDL

LTE Hotspot

User Manual

Version Release VER_1.0

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Thank You For Choosing K779HSDL

The K779HSDL is a newly developed LTE Mobile Hotspot, providing flexible LTE access for users to enjoy high-speed Internet applications. When connected to the LTE Network, the K779HSDL can support simultaneous connections with up to 16 Wi-Fi enabled devices.

This guide will help you understand your new Mobile Hotspot and all the things you can do with it at home or abroad. So let’s get started.

CHAPTER 1: INTRODUCTION

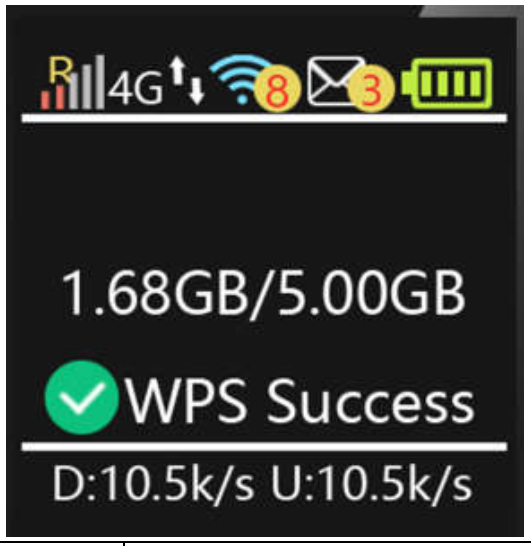
Getting Started

The following figure shows the appearance of your K779HSDL; it is only for your reference. The actual device may be different.

1. Menu button
2. Signal and Roaming status icon
3. Network mode
4. Wi-Fi signal icon
5. Unread message icon
6. Battery icon

7. Power Button
8. Micro USB
9. Battery cover
10. The point of removing the back cover

Screen Indicators



Icon	Description
	Signal and Roaming status icon
	Network mode icon
	Data flow icon
	Wi-Fi signal and number of access users
	The number of unread message， maximum is 100
	Battery capacity icon, if battery capacity is lower than 25%, this icon is red.
	Data Statistics, used/total
	WPS status indicator
	Download and upload Data Speed

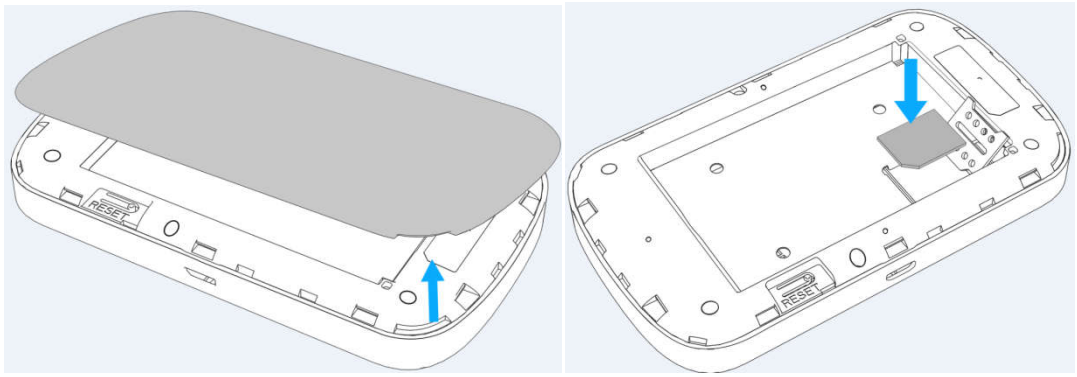
Hardware Installation

Installing the LTE SIM Card

If you have not already done so, please follow these instructions for the installation of your new SIM card which is in the package:

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.



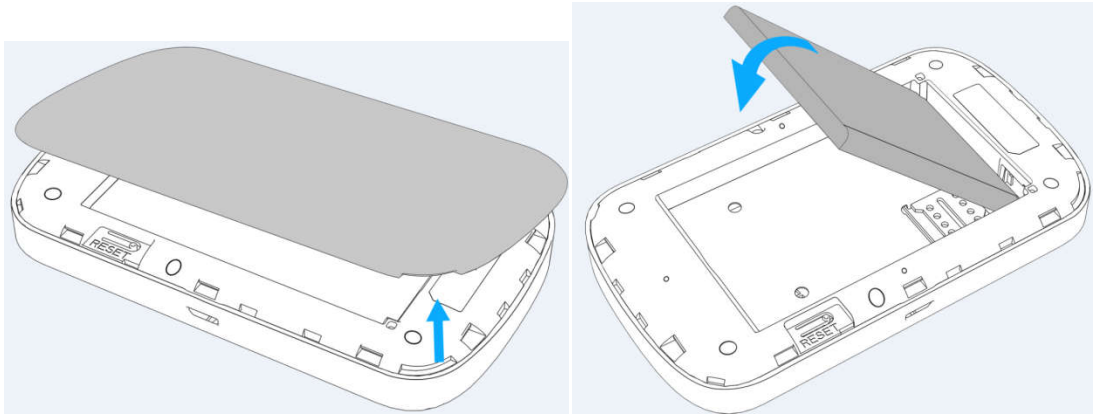
3. Insert the SIM card into the slot until it is fully inserted.

NOTES:

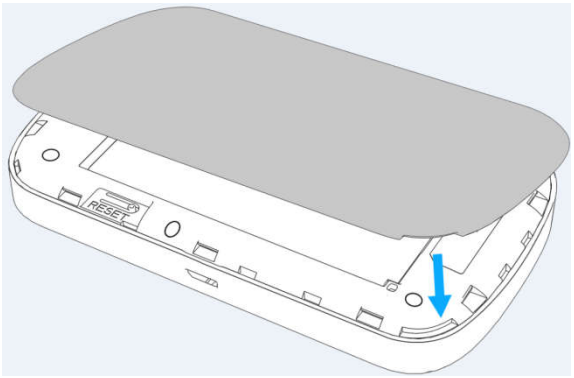
- The SIM card MUST remain in your K779HSDL when in use. Once the SIM card has been inserted into the K779HSDL, do not remove!
- Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water or dirt.

Inserting and Charging the Battery

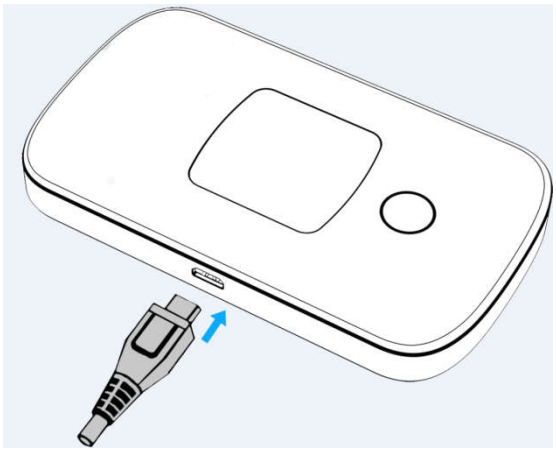
1. Use the thumb catch at the bottom of your K779HSDL to open the battery cover and align the battery contacts with the terminals in the battery compartment as shown. Push the battery down until it clicks into place.



2. Place the battery cover over the battery compartment and press it downward until it clicks into place.



3. Your K779HSDL comes with charger. To charge: Plug one end of the charger into an electrical outlet and the other end into the K779HSDL's Micro USB Port.



Removing the LTE SIM Card

1. Turn the power off. Remove the battery cover and take out the battery.
2. Gently remove the SIM card from the SIM card slot.

Connecting to the Internet

With your K779HSDL, a wireless Internet connection can always be at your fingertips.

Connecting Wi-Fi Enabled Devices To Your K779HSDL

NOTE: It is recommended the battery be fully charged in order to use your K779HSDL via Wi-Fi for the first time, or connect the device to the adapter for power.

Follow these Steps:

1. Use your normal Wi-Fi application on your computer to establish a connection to your K779HSDL.
2. Look for the network (SSID) named "Moxee TetherXX_2.4G" or "Moxee TetherXX_5G".
   XX is the last two digits of device IMEI.
3. Click Connect and enter the default username and password printed under the battery of your K779HSDL.

NOTE: Your WiFi SSID and password will also be displayed on the K779HSDL screen each time the K779HSDL is powered on.

Setting up your WPS

If your terminal support WPS, you donot have to input the password manually once your WPS has been set up. To use WPS please follow these steps:

1. Enable WPS in the WebUI through Settings->Wireless->WLAN Settings->WPS
2. Press "Menu" button on the device to select "WPS Active"page on the LCD

3. Press “Power” button to active WPS function

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

Accessing the Internet

After successfully establishing the connection between your K779HSDL and Wi-Fi clients, you can access the Internet.

CHAPTER 2: DEVICE CONFIGURATION

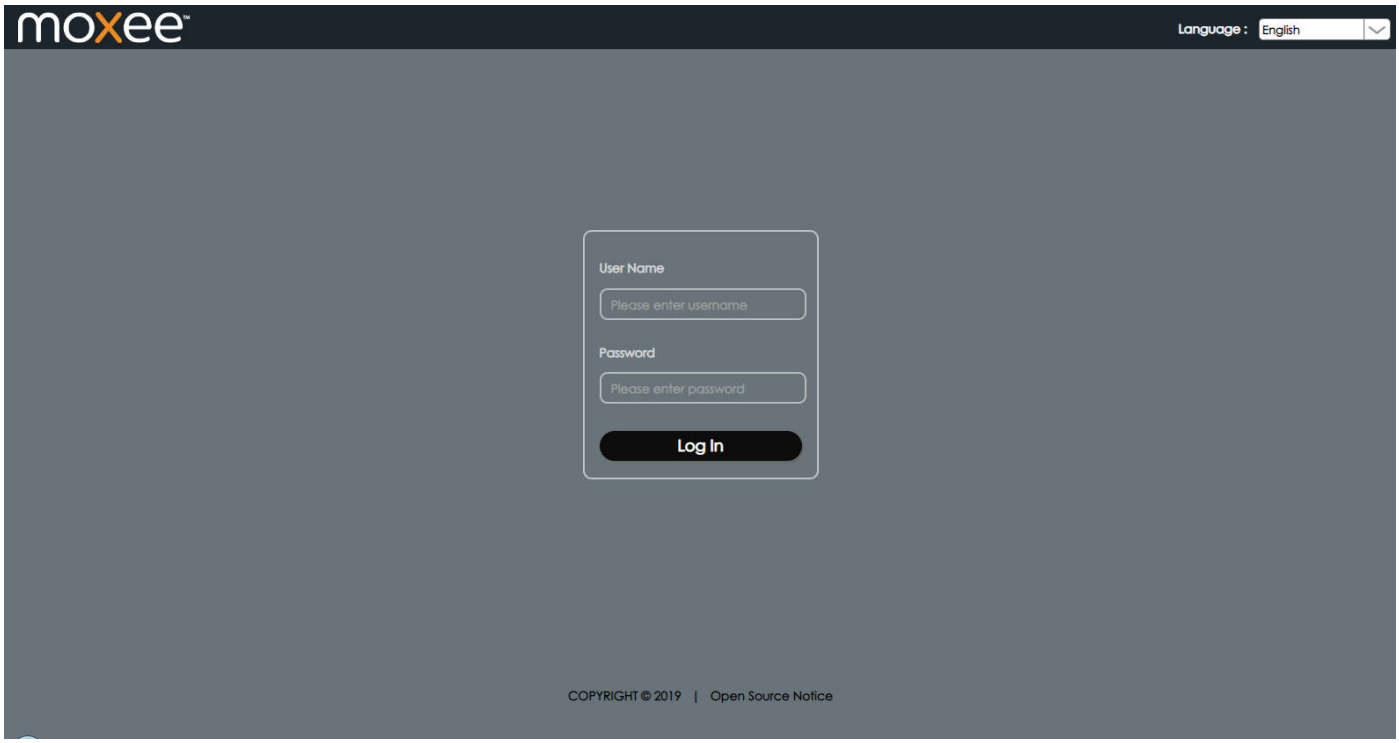
Login to your Device

Open your web browser, enter the IP address of your hotspot, which by default is http://192.168.1.1 or http://device.WebUI and click “Go”, Login window prompt appears.

The default username is “admin”, password is “12$+last 3 digits of IMEI” for the users.

You also can refer to the label under the battery for the default username and password.

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



Congratulations! You have successfully logged in to your Hotspot K779HSDL.

Once you have logged in to your Hotspot K779HSDL via your web browser, you can see the

Home page for the hotspot. Besides Home page there are other pages for the hotspot:

”SMS” page is set to read your messages on the hotspot;

”Settings” page is set to configure your hotspot;

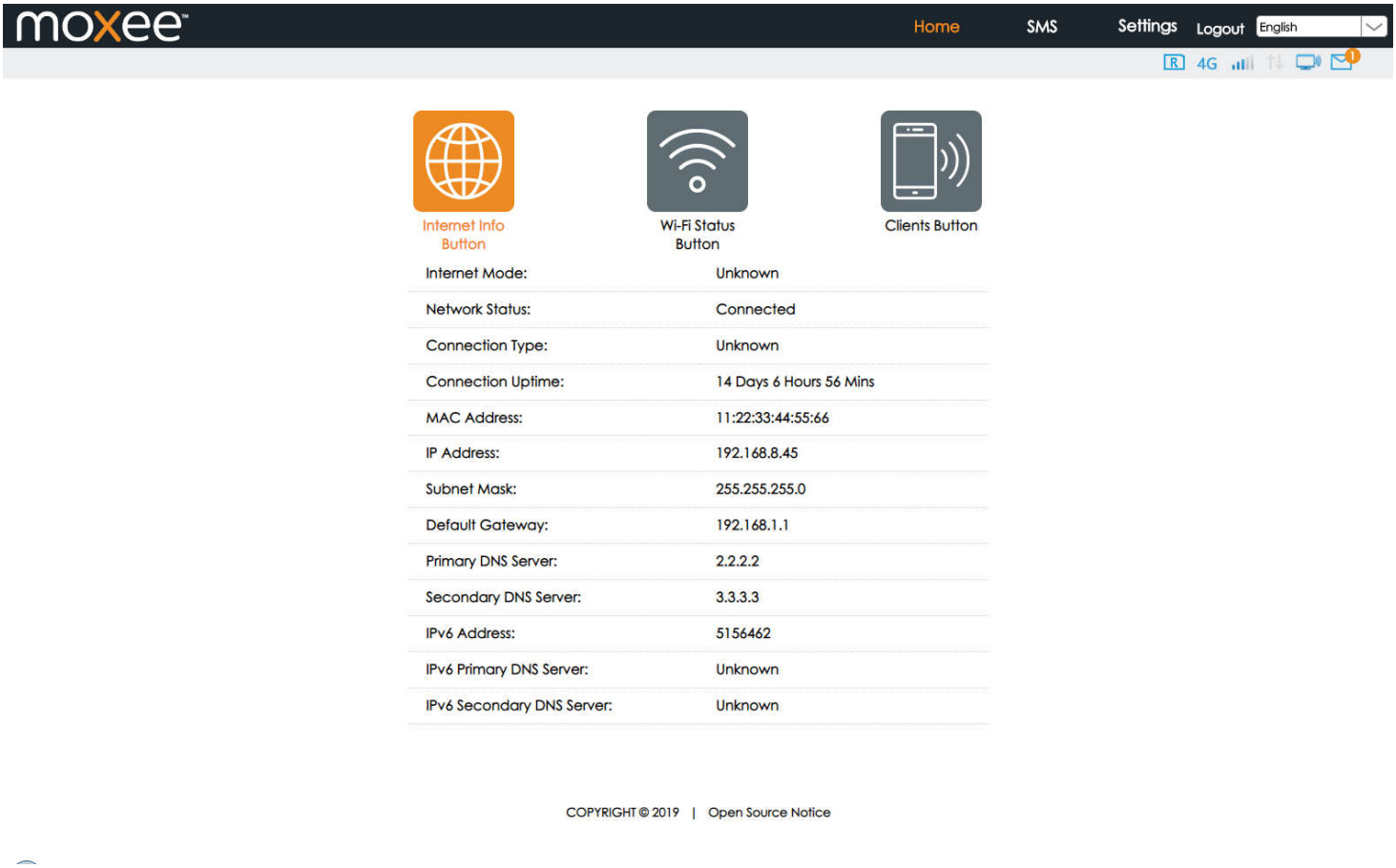
“logout” page is set to logout from you hotspot.

Please see the relevant sections of this manual for detailed instructions for your Hotspot K779HSDL.

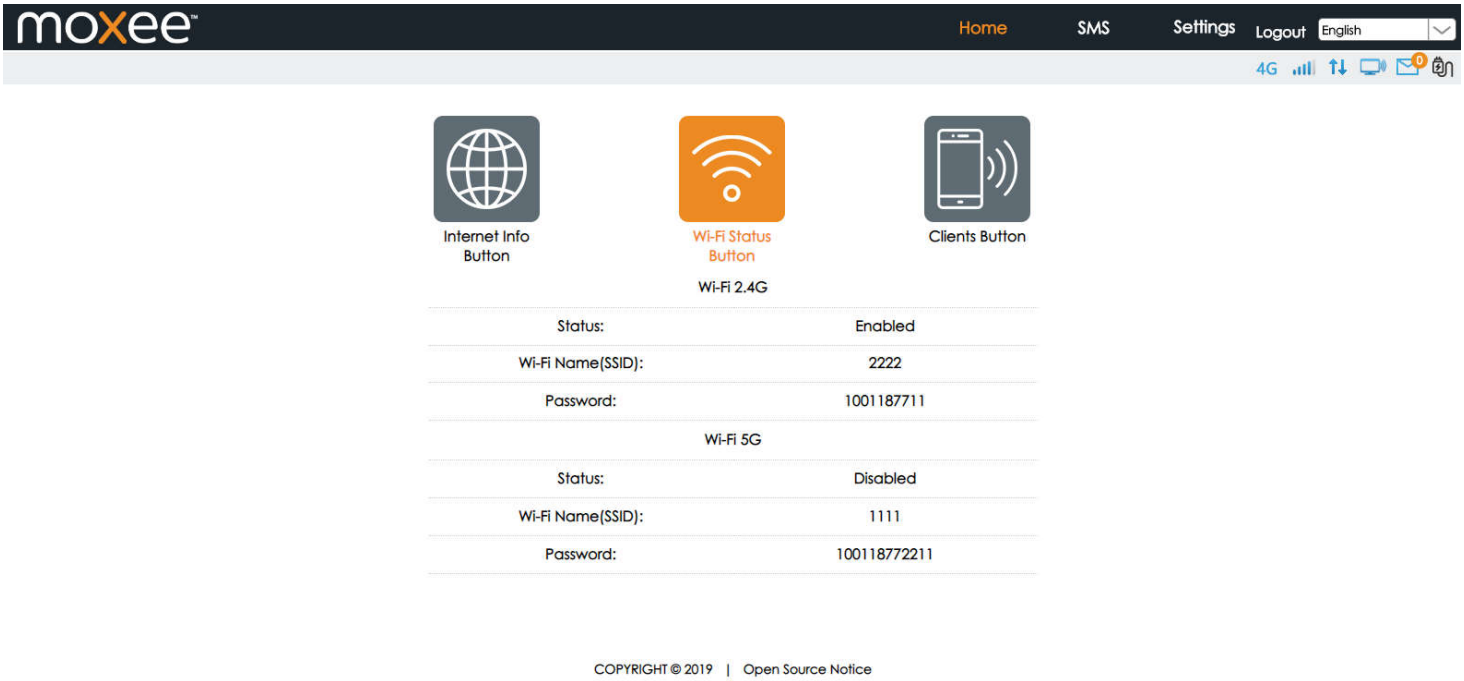
Home Page

In this section you can click on the three items in the diagram for more information.

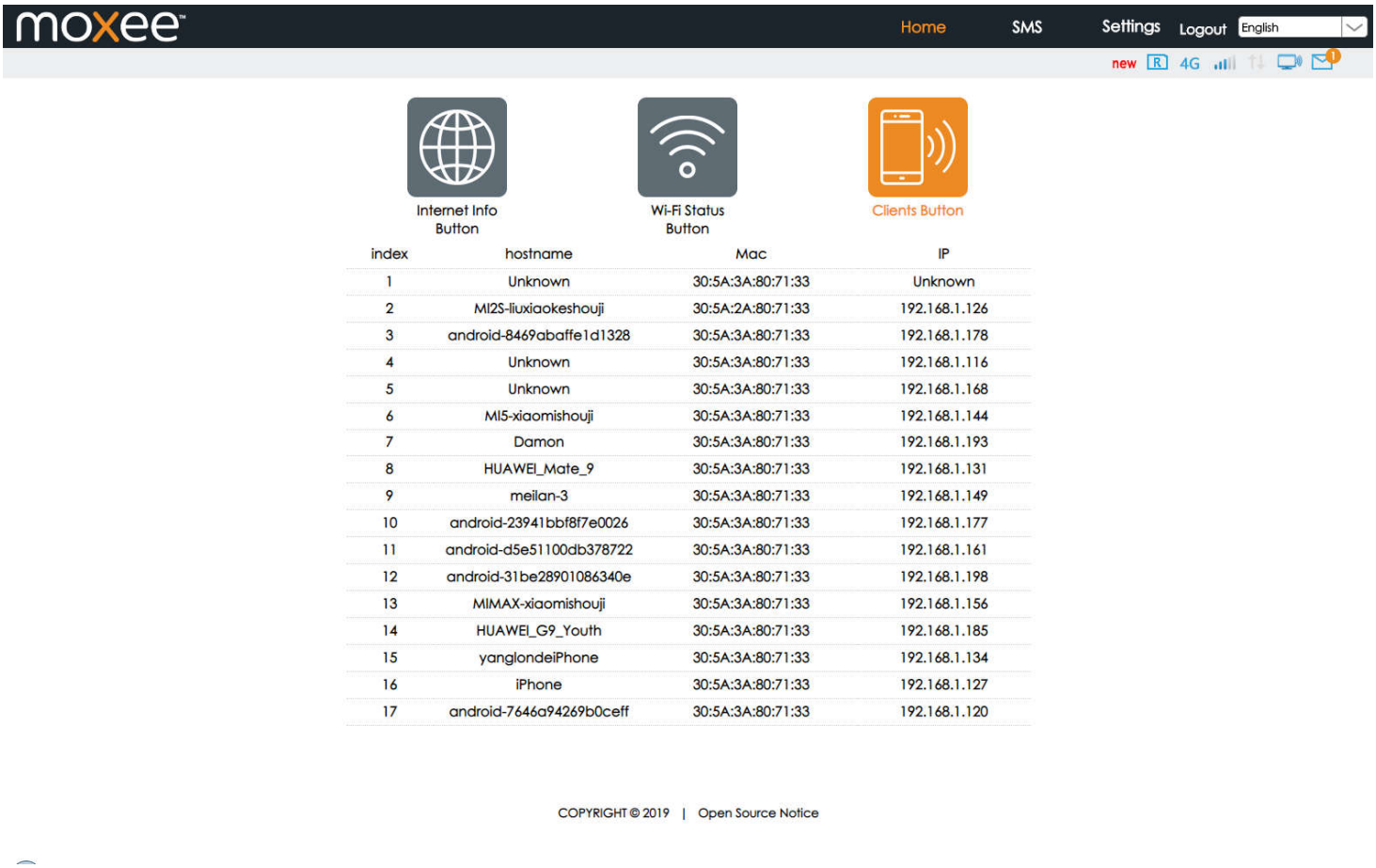
Internet Info Button: you can check the internet Status by clicking the icon , the internet mode, network status, connection time and connection related parameters will be displayed



WiFi Status Button: you can check the WiFi information of the hotspot by clicking the icon , the 2.4GHz & 5GHz WiFi status, SSID and password will be displayed.



Clients Button: you can check the connected client information by clicking the icon the connected client's device name, IP address and Mac address will be displayed.



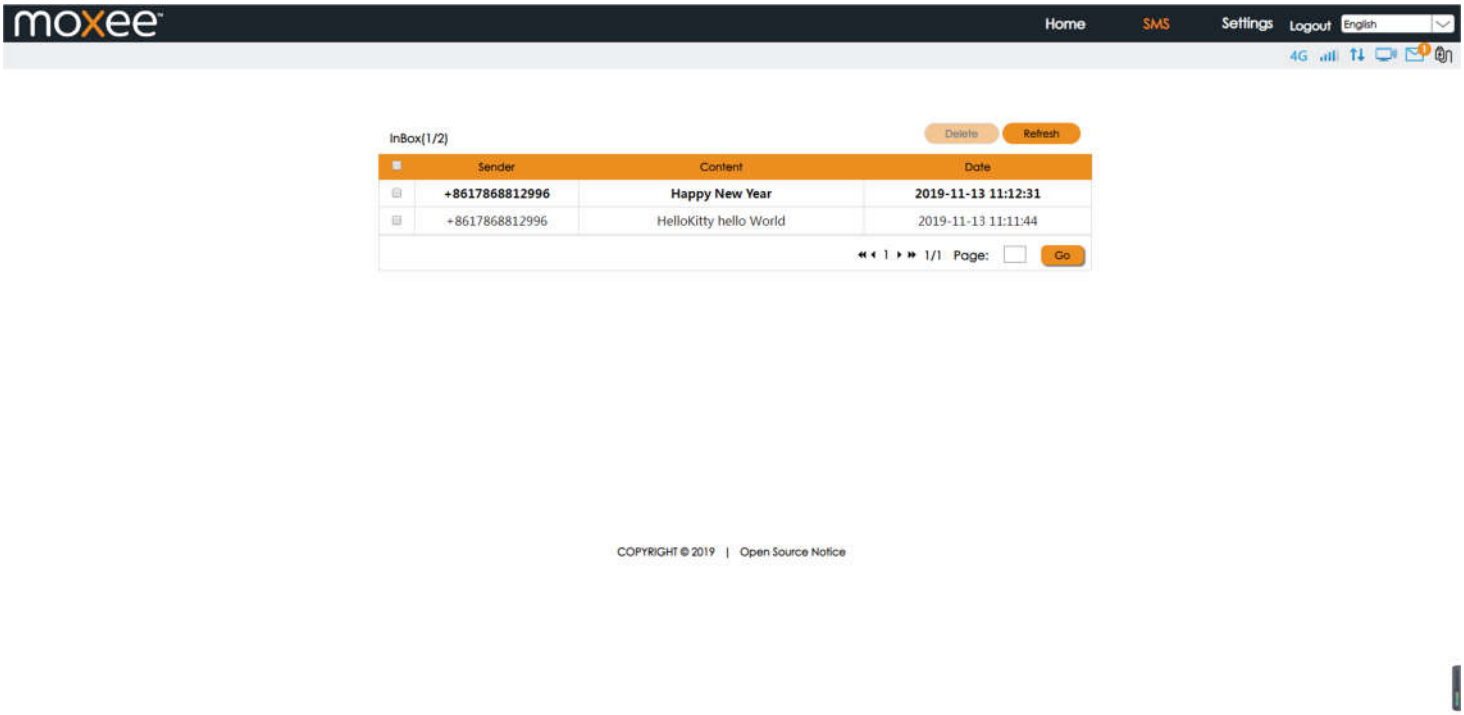
SMS

You can click “**SMS**” to the Message page to see the SMS information.

It only support to receive the SMS and not support send as it is a hotspot. You can check the message in the InBox, support to read, delete and refresh.

InBox: you can click each message content to read it.

It support to select several messages via click more checkboxes in the page.



Settings

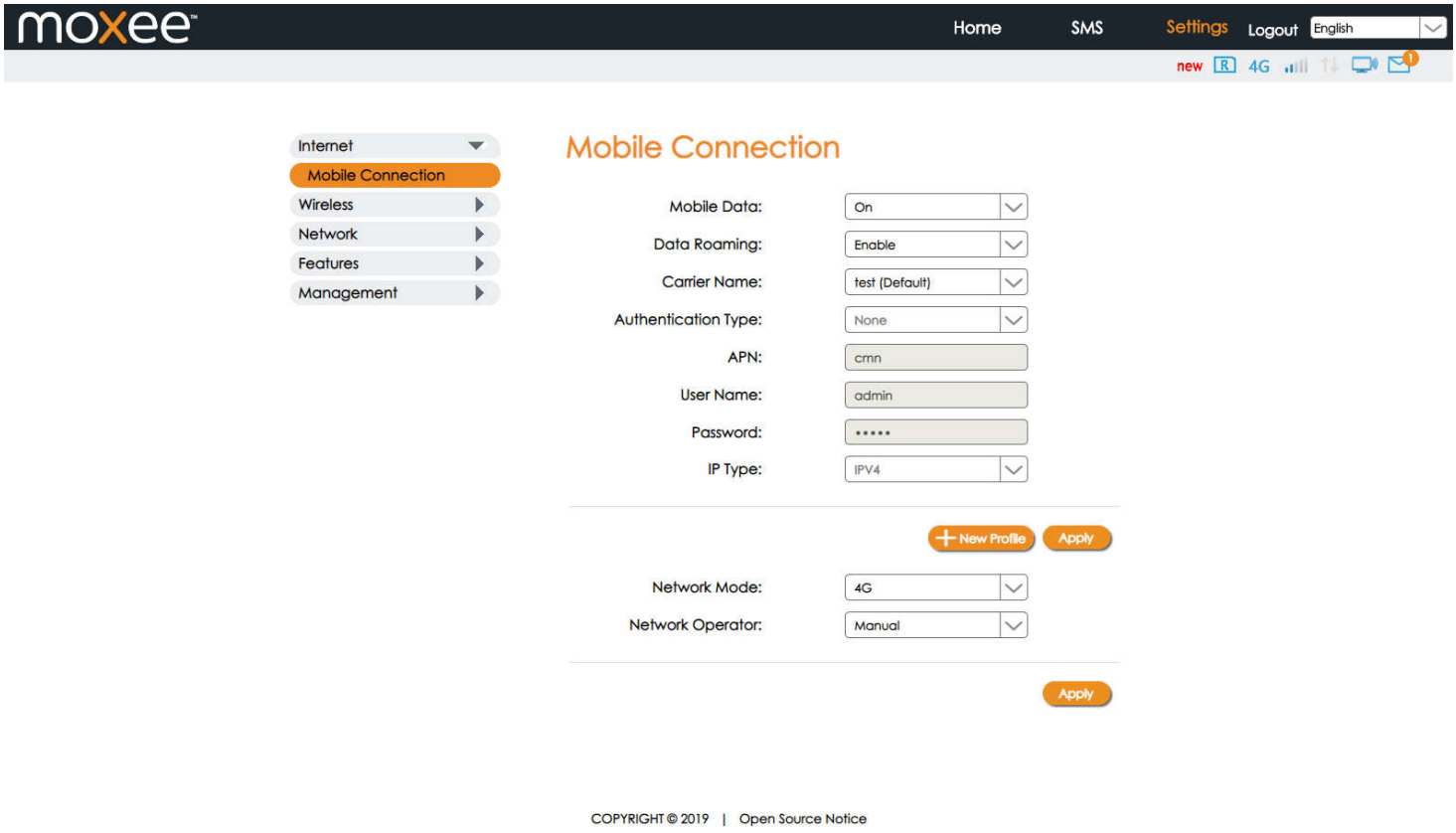
You can click “**Settings**” to the Settings page to configure the hotspot.

Internet

Mobile Connection

In this section, you can configure your mobile data connection. If you are unsure of your APN Settings, please contact your service provider.

Notes: The K779HSDL supports APN automatically match function, which means you do not need to edit APN settings for most cases.



Mobile Data: To Enable/Disable Mobile connection

Data Roaming: To Enable/Disable Roaming connection

Carrier Name: Your Service provider Name

Network Mode: 4G

Network Operator: Auto/Manual, it is suggested to implement “Auto”

Wireless

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WLAN settings

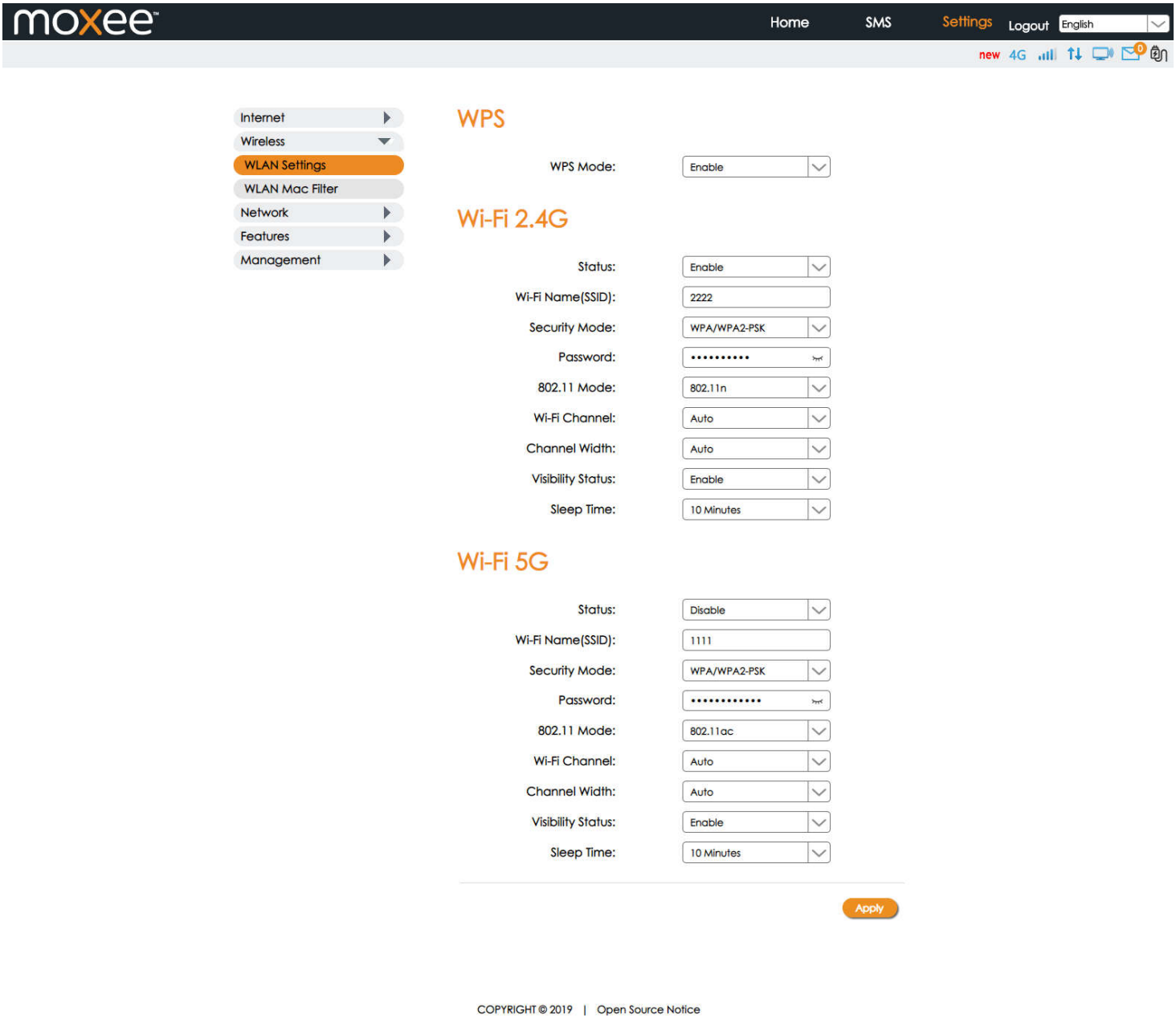
In this section you can configure the WiFi settings for your Hotspot K779HSDL.

You can change the WiFi SSID and password in this page, after your setting please click “Apply”.

Please note that any changes made in this section may need to reconnect the wifi.

2.4GHz is for 802.11b/g/n

5GHz is for 802.11 a/ac/n



If you are unsure of WiFi Channel and Channel Width, it is suggested to implement “Auto”

WLAN MAC Filter

MAC address filtering (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.

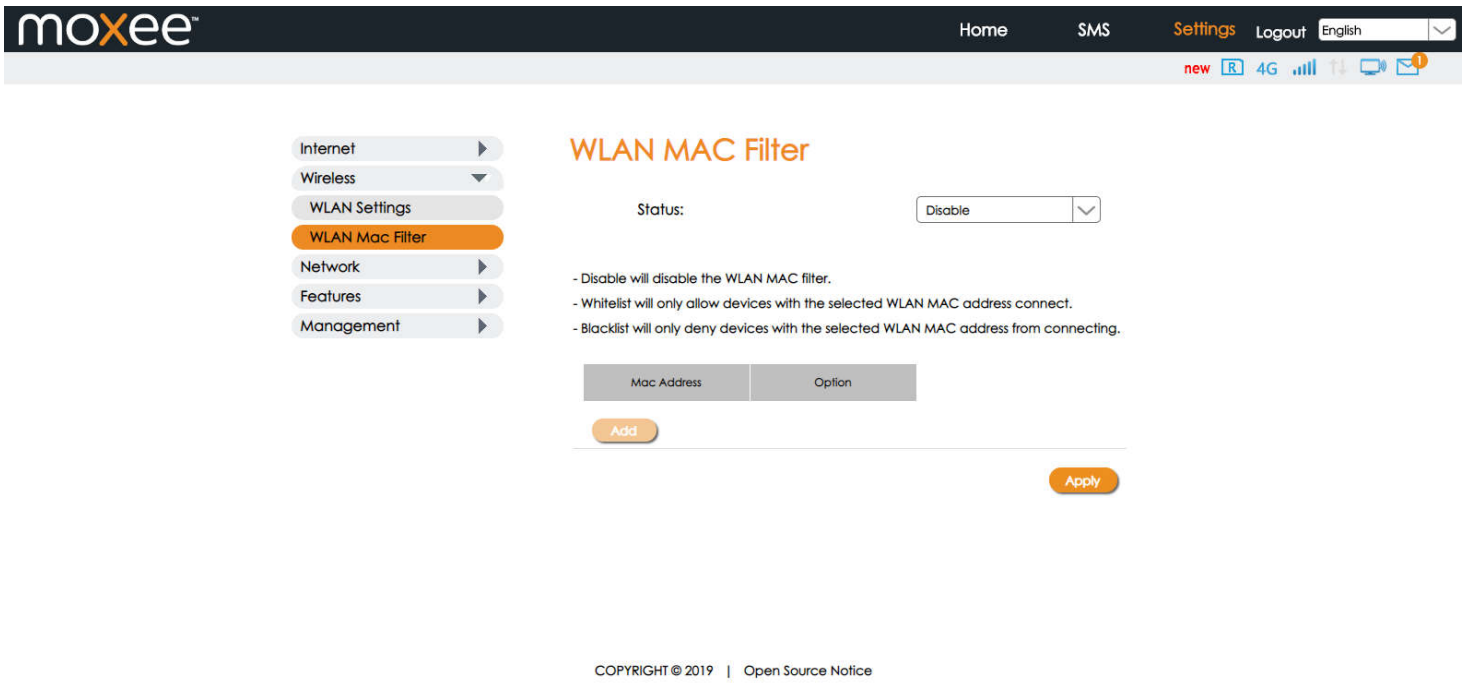
You need to know the MAC address of the devices you wish to filter.

You can choose “Whitelist” or “Blacklist”, both can be implemented for Mac filter logic.

-Disable will disable the WLAN MAC filter.

-Whitelist will only allow devices with the selected MAC address connect.

-Blacklist will only deny devices with the selected MAC address from connecting.



Network

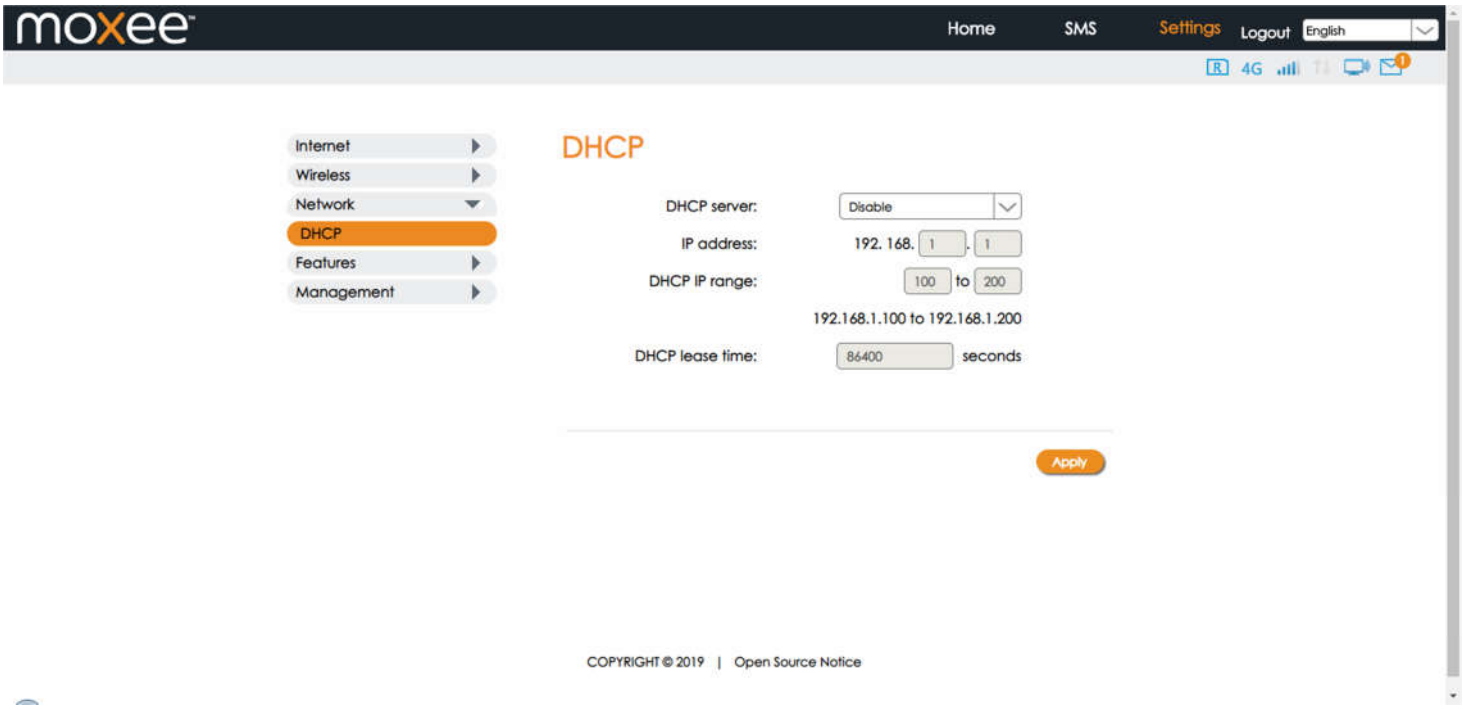
DHCP

In this section you can configure the DHCP settings.

Default value:

1. DHCP server is enabled
2. Gateway IP address: 192.168.1.1
3. DHCP IP Range: 192.168.1.100 to 192.168.1.200, which means IP pool counts 100
4. DHCP lease time: 24 hours(86400 seconds)

Click **“Apply”** after configuring the new settings.



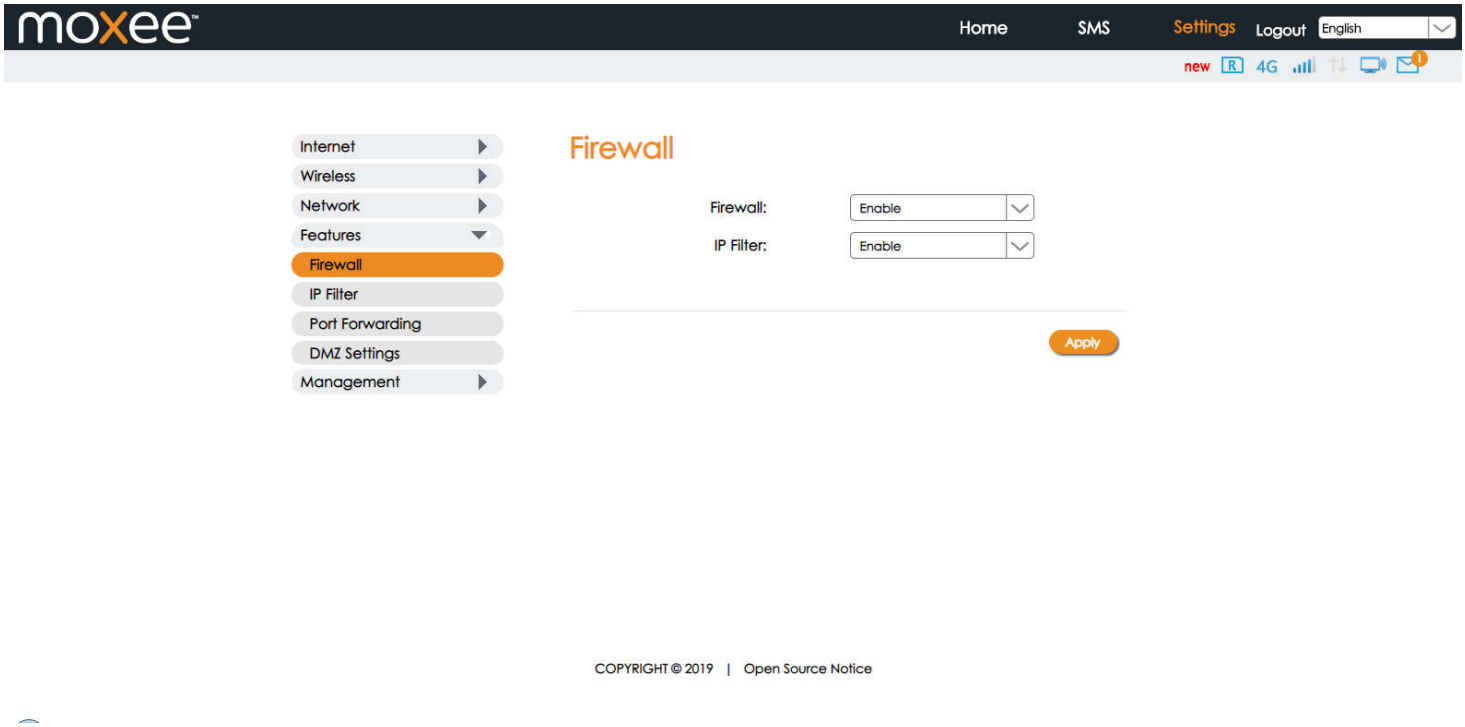
Features

Firewall

Your hotspot’s high-performance firewall feature continuously monitors internet traffic,

protecting your network and connected devices from malicious internet attacks. In this section you can “enable” or “Disable” for Firewall/IP Filter settings.

Please note that in order to enable IP Filter, the Firewall must be enabled firstly.



IP Filter

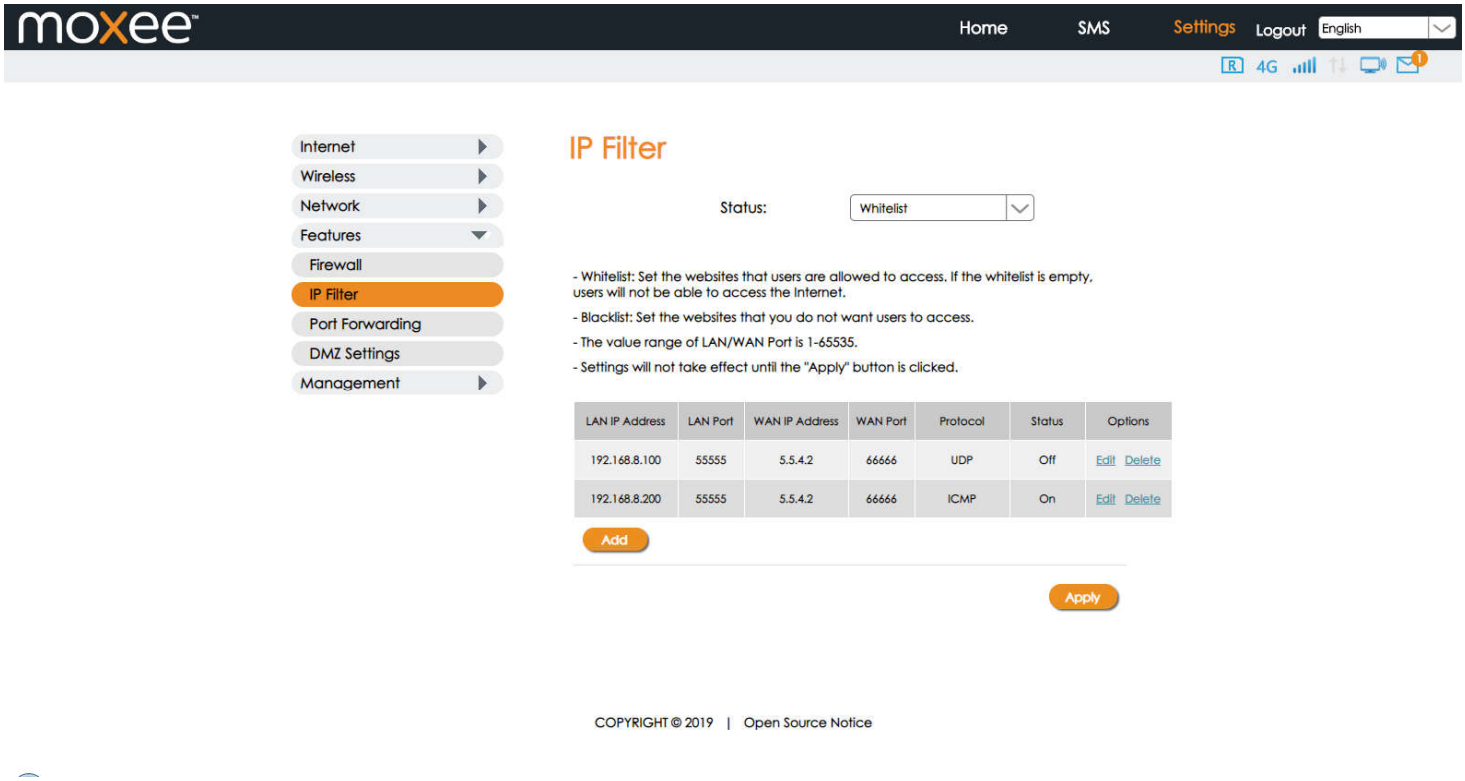
You can filter the packages by IP address, Protocol, Port number. IP Filtering’s configuring includes LAN IP address, LAN port, WAN IP address, WAN port and Protocol functions.

- Whitelist: Set the 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

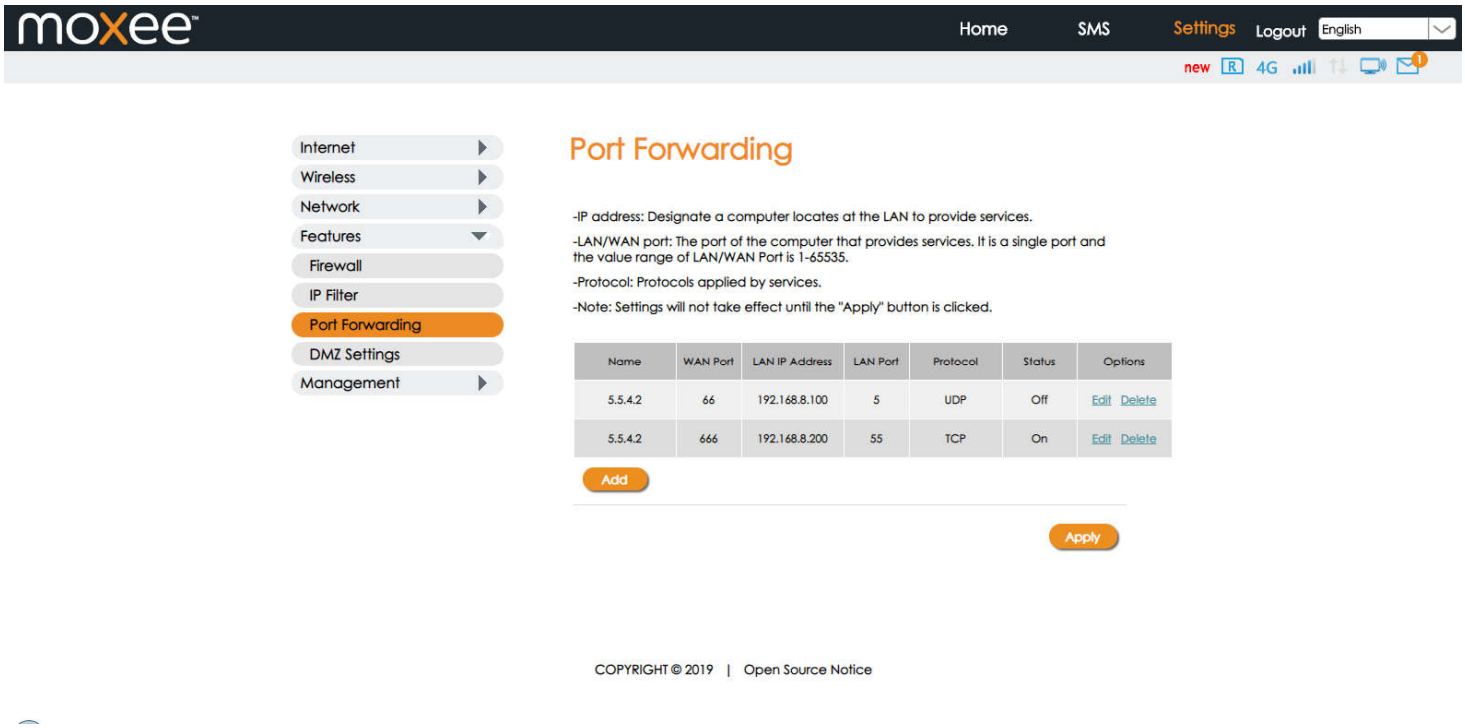
In this section you can enable external computers to access FTP or other services provided by the LAN.

IP address: Designate a computer locates at the LAN to provide services.

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.

Note: Settings will not take effect until the **“Apply”** button is clicked.



Example: How to setup Port Forwarding for port 21 (FTP server)

If you have a FTP server in your LAN network and want others to access it through WAN.

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

Step 2: Login to the Gateway and go to Settings / Features /Port forwarding

Setp 3: Enter WAN Port to 21;

Enter LAN IP Address to be the static IP of computer,

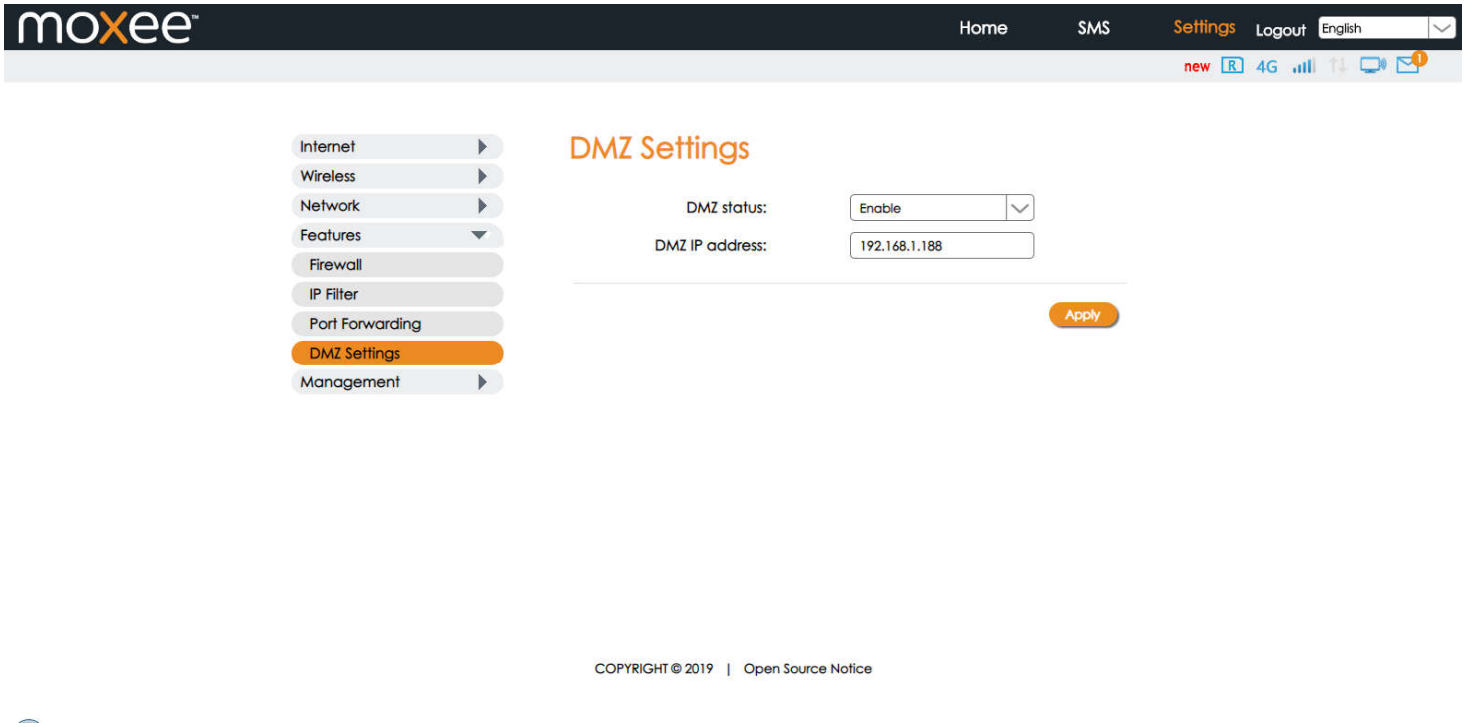
Enter LAN port to 21;

Step 4: Click Apply to activate.

DMZ Settings

DMZ allows outside network to connect in and communicate with internal LAN devices via this WAN interface When setting a particular internal IP address as the DMZ Host, all incoming packets will be checked by the Firewall and NAT algorithms then passed to the DMZ host, when a packet received does not use a port number used by any other Virtual

Server entries.

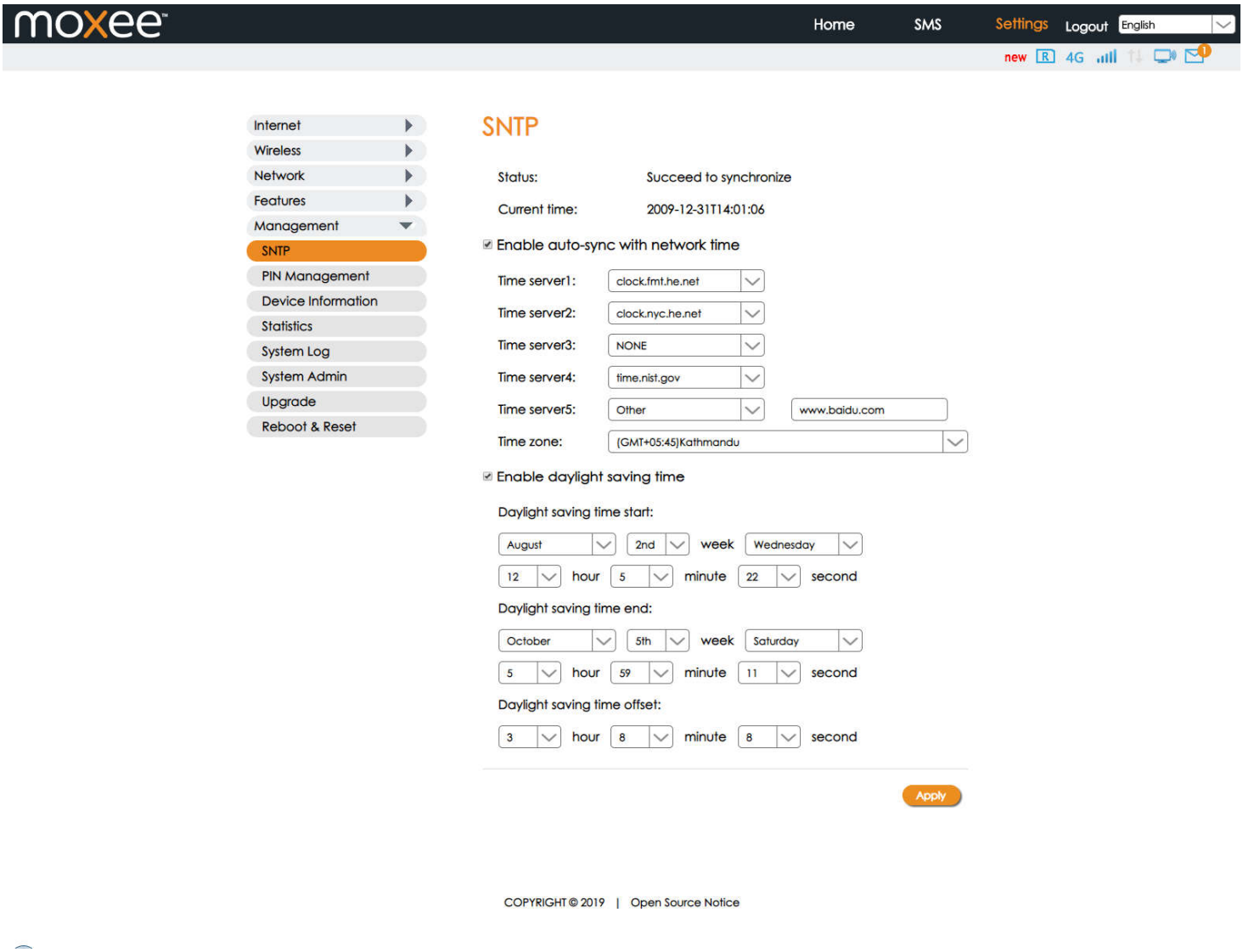


IP Address: Give a static IP address to the DMZ Host when Enabled radio button is checked. Be aware that this IP will be exposed to the WAN/Internet.

Management

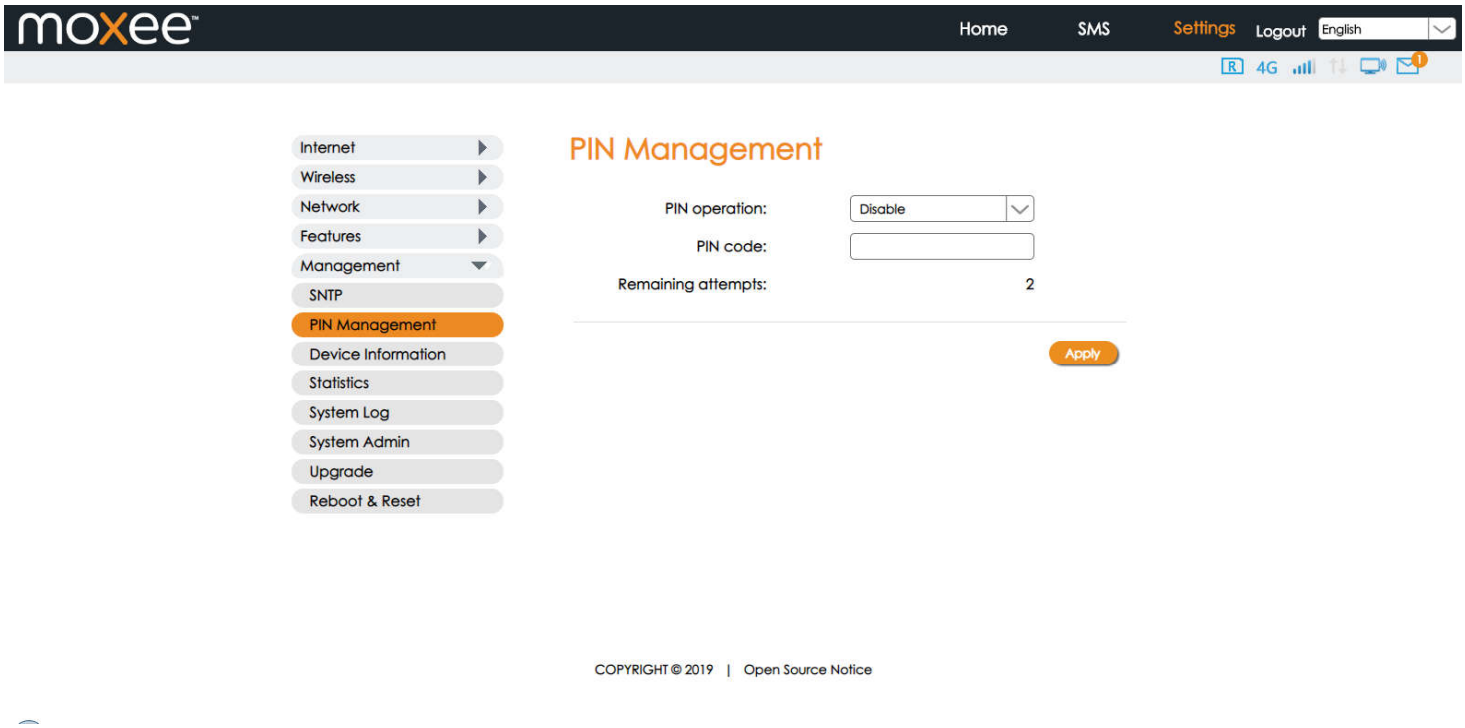
SNTP

In this section you can check the current time information and to select daylight saving time or not.



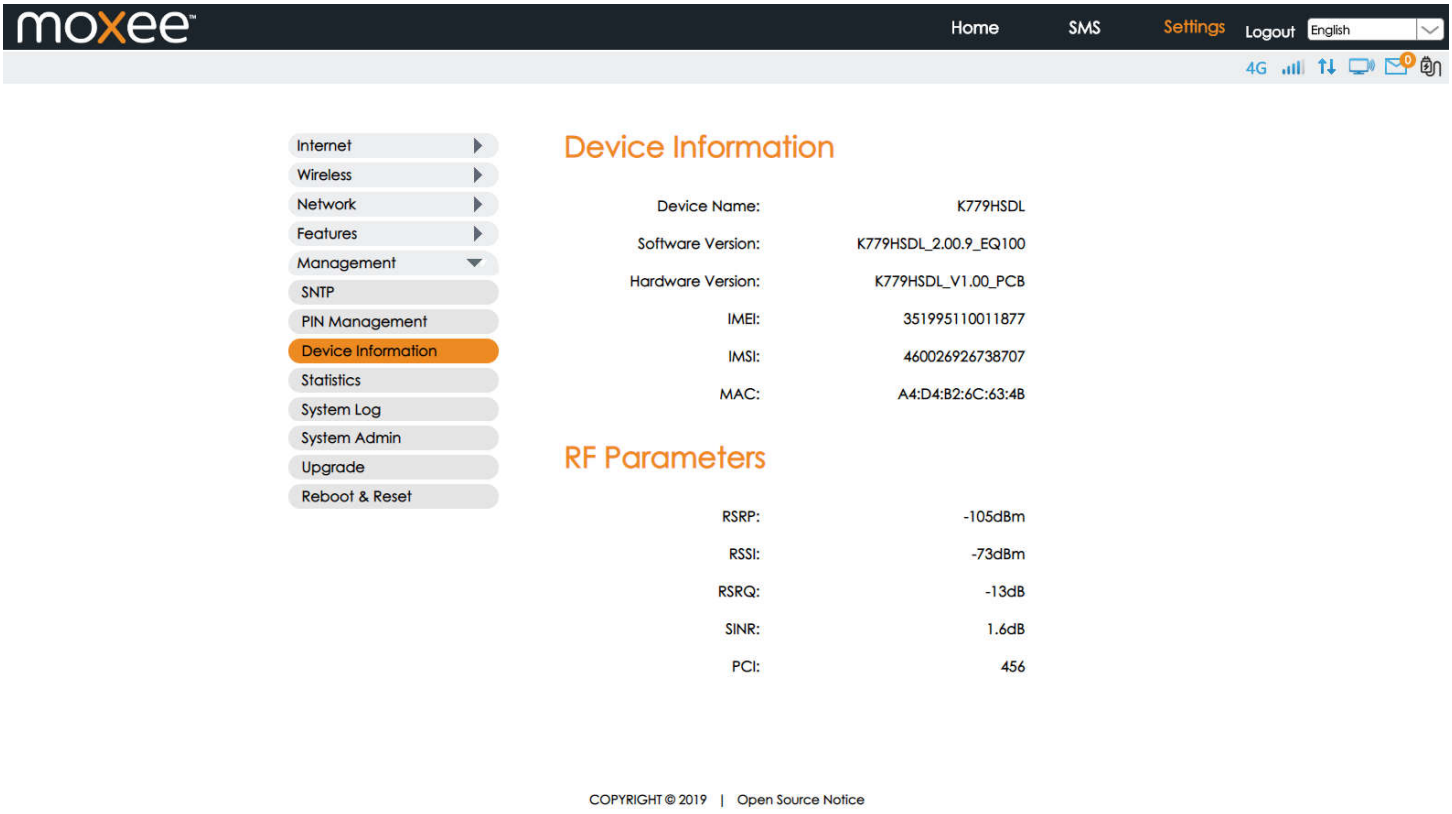
PIN Management

In this section you can enable or disable PIN of SIM card. Please be aware that only 3 times to input wrong PIN code or SIM card will be locked and PUK code is required. You can contact your ISP for more information.



Device Information

In this section you can check the basic information of the device. Please contact your ISP for more information.



Device Name: Name of the Hotspot for identification purpose.

Software Version: software version currently loaded in the Hotspot.

Hardware Version: hardware version currently loaded in the Hotspot.

IMEI: The unique identification number that is used to identify the 4G-LTE module.

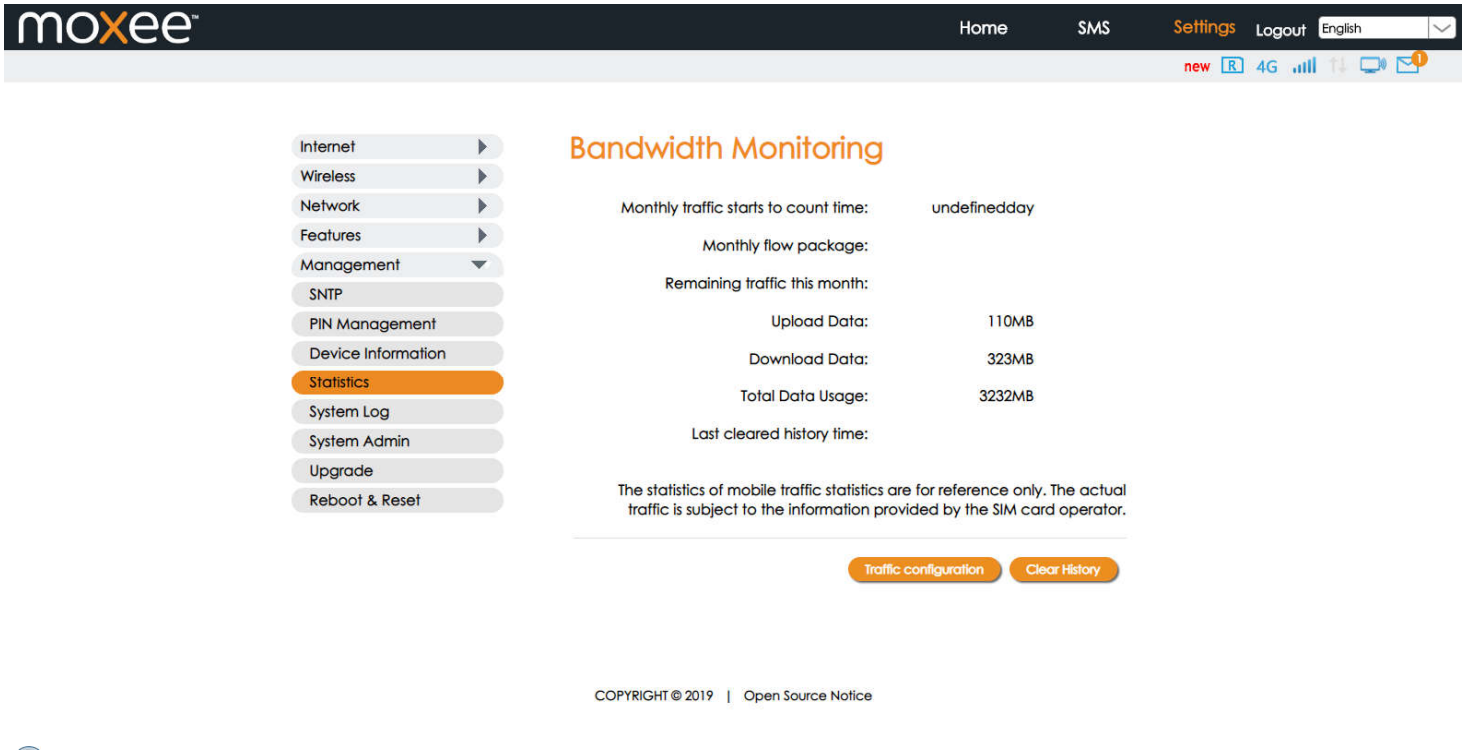
IMSI: The international mobile subscriber identity used to uniquely identify the 4G-LTE module.

MAC: A unique number that identifies the Hotspot.

Statistics

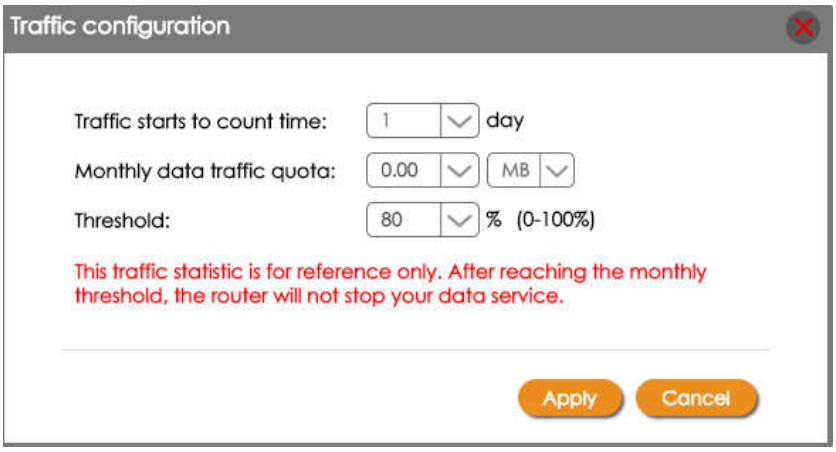
In this section you can easily monitor your data usage. Please note that upload, download and total data usage will be reset when the device is restored to default factory

settings.



Clear history: Click it to clear the history statistics.

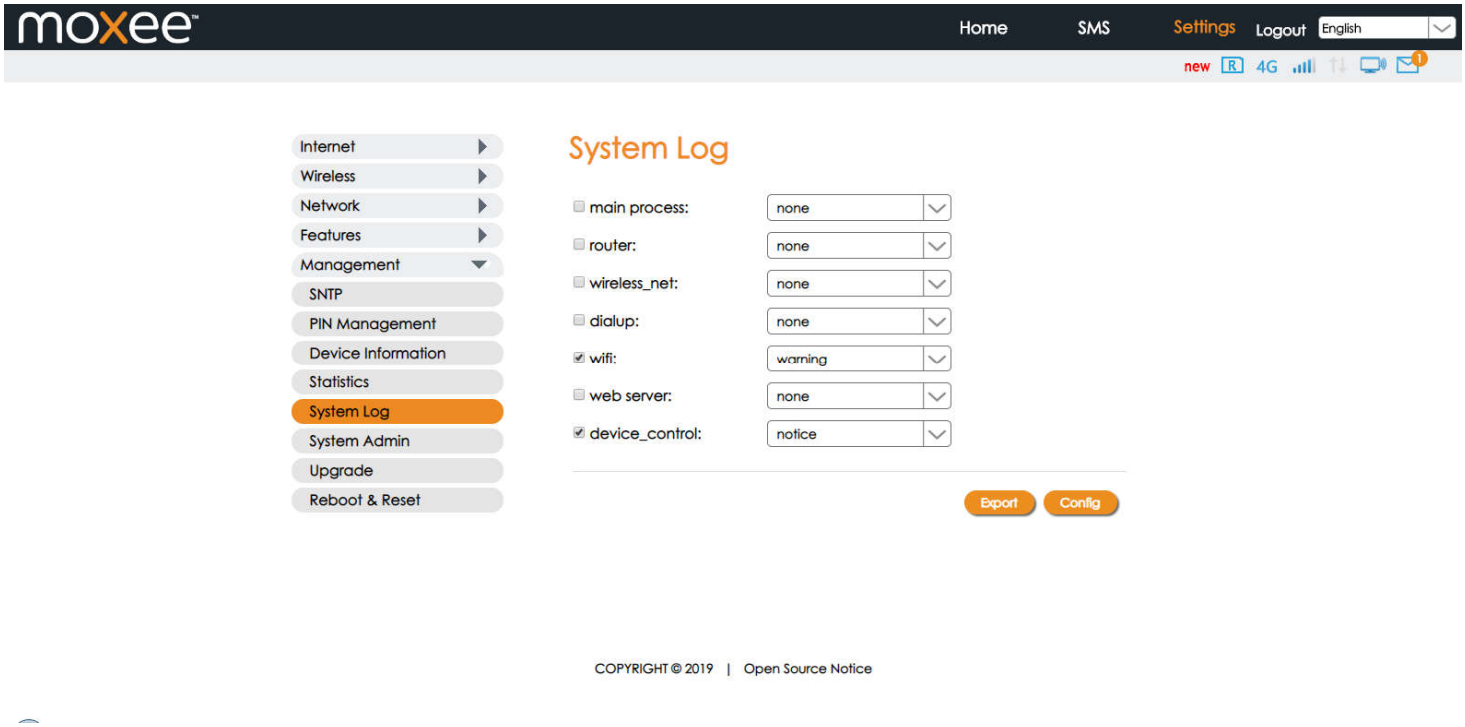
Traffic configuration: Click to configure data traffic plan as below.



System Log

In this section, you can configure the system logs you want to check, such as main

process, hotspot, wireless, dialup, Wi-Fi, web server, device control etc. and easily get them by clicking Export.

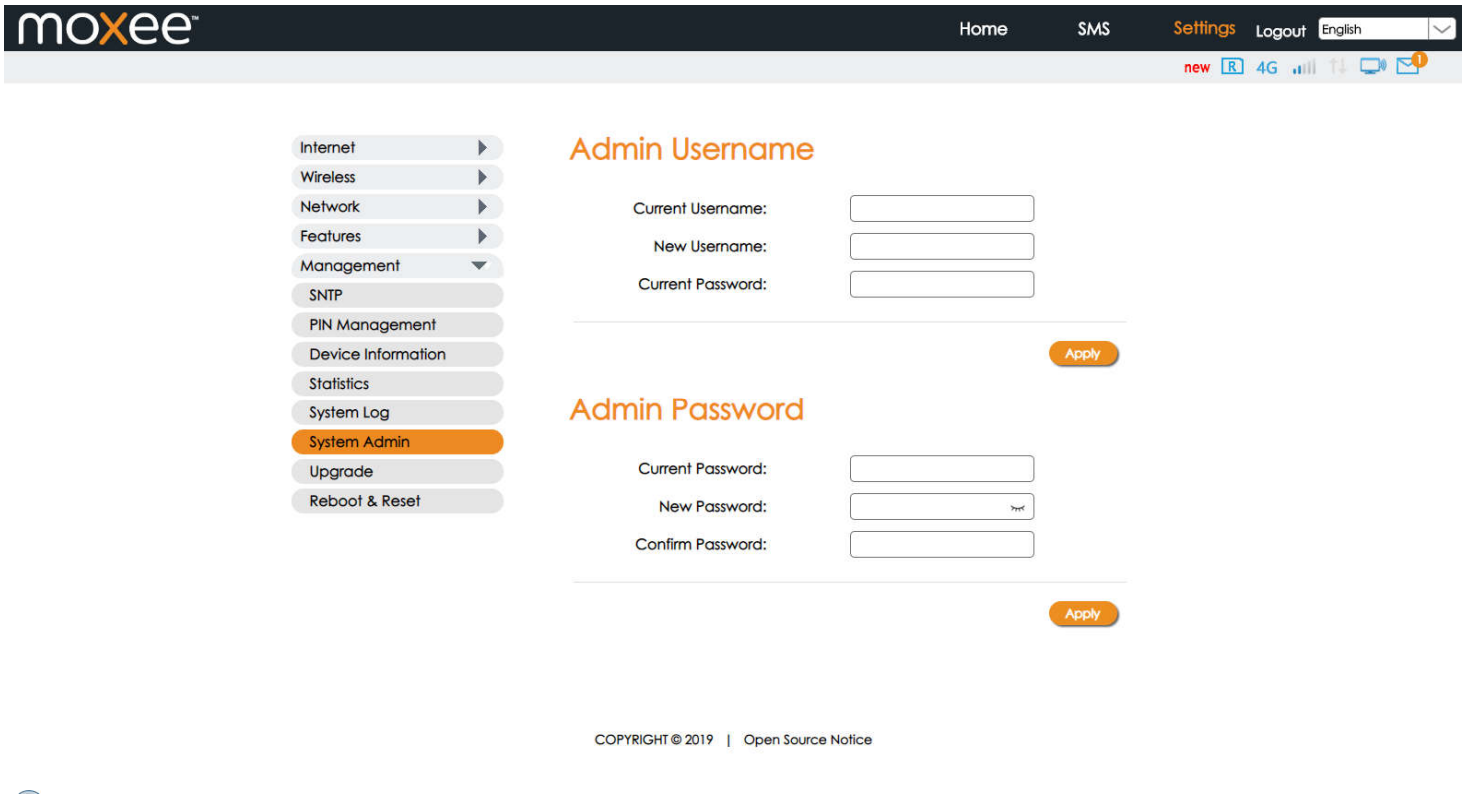


System Admin

The admin account can change all hotspot settings.

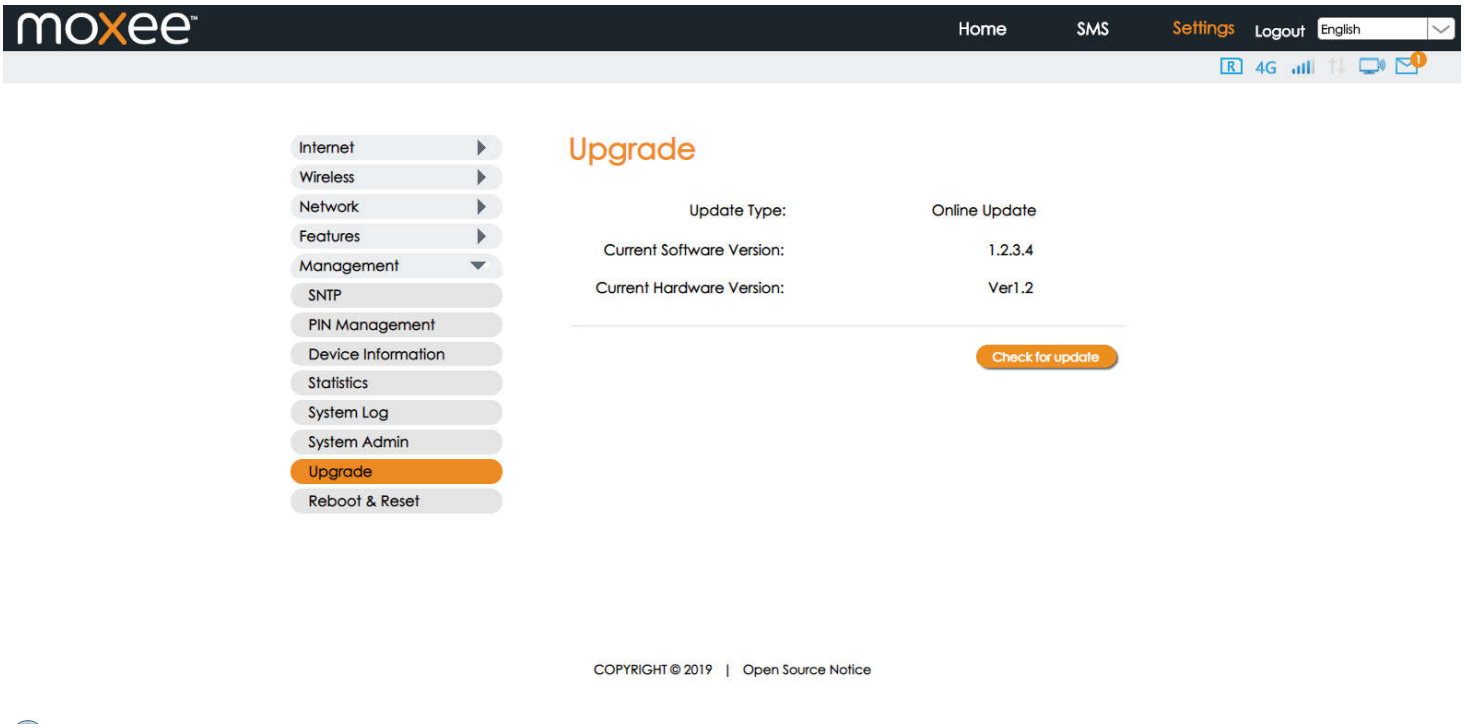
Note: To keep your hotspot secure you should give the admin account a strong password.

Apply: click it to make the new username and password effective.



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 click the icon to the upgrade page.You can also check the current software and hardware information in this page.

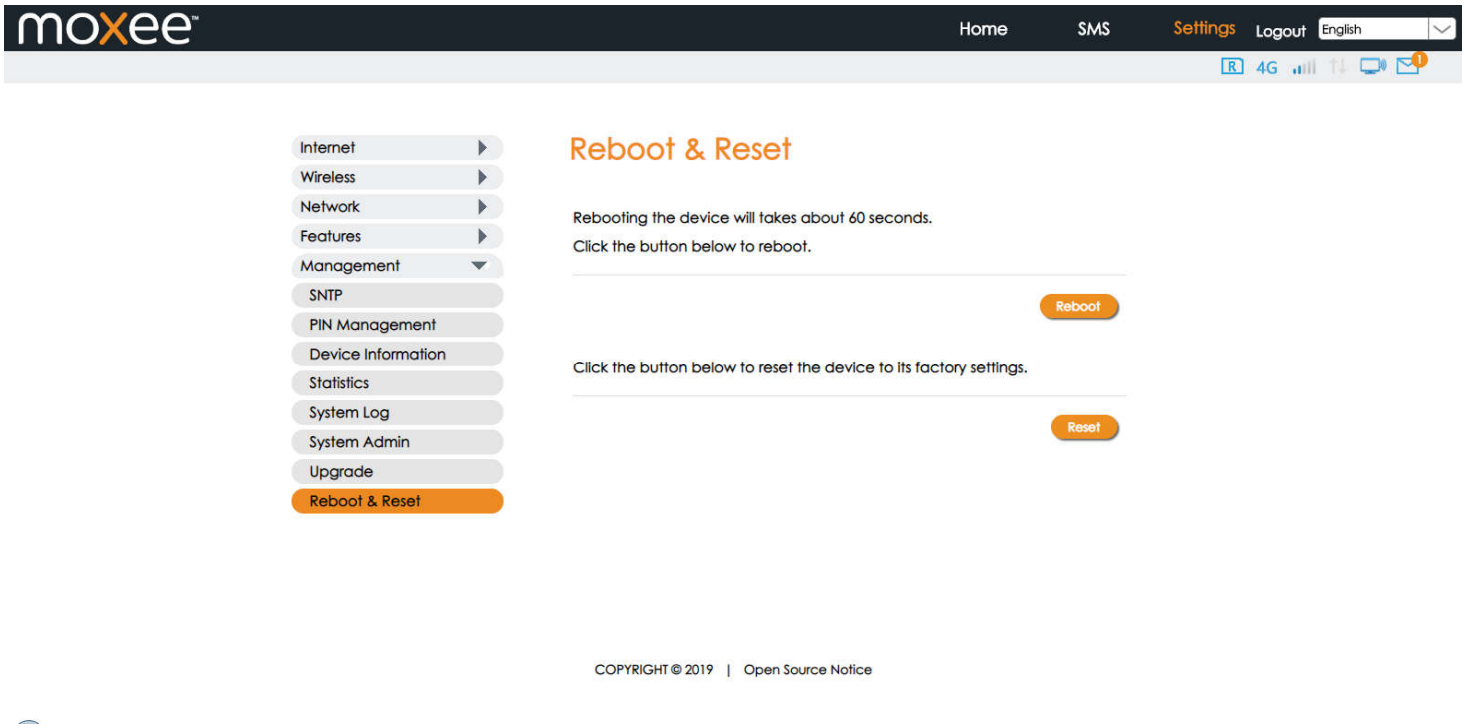


Online Update operation:

Click the button ”Check for update” to detect if there has new firmware version. If there has new version, it will guide you to confirm whether you want to update now.

Reboot & Reset

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



Reboot: click it to reboot your device.

Reset: click it to reset your device.

Logout

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

CHAPTER 3: Trouble Shooting

If you are having trouble with K779HSDL, here are a few things you can do to get it to function properly.

1. If the K779HSDL is not responsive, reboot it by press the “Power” button for about 8 seconds
2. Restore factory settings

Q&A

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

A: 1 Check the password you entered is the right 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 reason is listed as bellow:

Unstable local signal.

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 or use another device and retry

Q: What to do if I forgot Wi-Fi Key?

A: 1)you can find the WiFi Key in the WiFi Info page on the LCD.

2)you can also reset the device to factory defaults by press the reset button for 5 seconds.

Q: What to do if “PIN lock” or “PUK lock”?

A: The SIM card is locked. Log into the Web page and Enter your PIN code or PUK code you got from the operator.

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

Q: Data connection failed.

A: You have no network coverage. Try moving location until you get good reception.

Q: The modem cannot connect to the internet when overseas

A: you can check if the data roaming function is enabled in the Device Setting page on the LCD.

Make sure you have international roaming enabled on your plan. You can contact your service provider before you go overseas to enable roaming.

CHAPTER 4: Health and Safety Information

To the Owner

• Some electronic devices, such as the electronic system of vehicles, are susceptible to electromagnetic interference sent by your device if inadequately shielded. Please consult the manufacturer of your device before using if necessary.

• Operating your device may interfere with medical devices like hearing aids and pacemakers. Please always keep them more than 20 centimeters away from such medical devices when they are turned on. Turn your device off if necessary.

Consult a physician or the manufacturer of the medical device before using your device.

• Be aware of the usage limitation when using your device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Turn off your device if required.

• The use of electronic transmitting devices is forbidden in aircrafts, at gas stations, and in hospitals. Please observe and obey all warning signs and power off your device in these conditions.

• Do not touch the inner antenna area if not necessary; it will affect your device's performance.

• Store your device out of the reach of little children. Your device may cause injury if used as a toy.

• Do not touch the metallic parts of your device when the device is operating as this may cause burns.

Using Your Device

• Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your device's performance, and violate related national regulations about telecom terminals.

• 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 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 -10° C - +45 ° C and humidity range of 5% - 95% are recommended.

Battery Handling

• Do not short-circuit the battery, as this can cause excessive heat and fire.

• Do not store battery in hot areas or dispose of it in a fire, as this can cause an explosion.

• Do not disassemble or modify the battery.

• When not using the battery for a long period, remove it from your device and store it in a cool, dry place.

• Never use a damaged or worn-out charger or battery.

• Return the worn-out battery to the provider or put it in an approved recycling container. Do not put it in your regular house trash.

WARNING!

If the battery is broken, keep away from it. If it touches your skin, wash your skin with abundant fresh water and ask a doctor for help if necessary.

Safety

Limited Warranty

• This warranty does not apply to defects or errors in the Product caused by:

i. Reasonable abrasion.

ii. End User's failure to follow KonnectONE's installation, operation or maintenance instructions or procedures.

iii. End User’s mishandling, misuse, negligence, or improper installation, disassembly, storage, servicing or operation of the Product.

iv. Modifications or repairs not made by KonnectONE or a KonnectONE-certified individual.

v. Power failures, surges, fire, flood, accidents, actions of third parties or other events outside KonnectONE’s reasonable control.

vi. Usage of third-party products, or usage in conjunction with third-party products provided that such defects are due to the combined usage.

vii. Any other cause beyond the range of normal usage intended for the Product.

• End User shall have no right to reject or return the Product, or receive a refund for the Product from KonnectONE under the above-mentioned situations.

• This warranty is End User’s sole remedy and KonnectONE’s sole liability for defective or nonconforming items, and is in lieu of all other warranties, expressed, implied or statutory, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, unless otherwise required under the mandatory provisions of the law.

Limitation of Liability

KonnectONE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using of this product, whether or not KonnectONE had been advised, knew or should have known of the possibility of such damages, including, but not limited to lost profits, interruption of business, cost of capital, cost of substitute facilities or product, or any downtime cost.

Radio Frequency (RF) Energy

This model device meets the government’s requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government:

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the position required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

The highest SAR value for the model device as reported to the FCC when worn on the body, as described in this user guide, is 1.06W/kg, For body operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the device a minimum of 1.0 cm from the body.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on

FCC Compliance

FCC ID: 2APQU-K779HSDL

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.

— Increase the separation between the equipment and receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.