

moxee[™]

mobile hotspot

K779HSDL



User Manual

Table of Contents

Introduction	3
Device Overview	3
Display Layout and Icons	4
Hardware Installation.....	5
Device configuration.....	8
Log in to your Device.....	8
SMS.....	10
Settings.....	10
Internet	10
Wireless.....	11
Network.....	13
Features.....	14
Management.....	16
Logout.....	20
Troubleshooting	20
Health and Safety Information	22

INTRODUCTION

Device Overview



1. Menu button

2. Signal and Roaming
status icon

3. Network mode icon

4. Wi-Fi signal icon

5. Unread message
icon

6. Battery icon

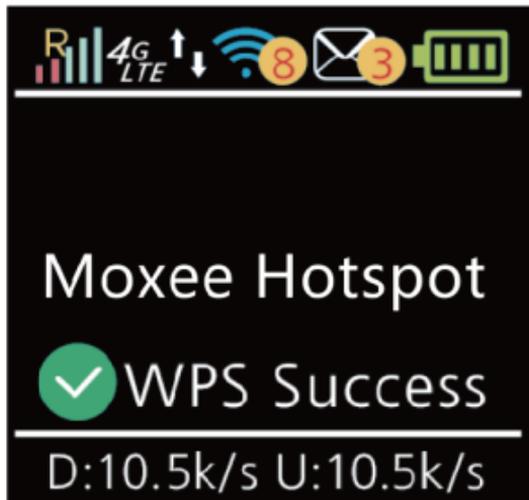
7. Power button

8. MicroUSB port

9. Battery cover

10. Notch for removing
back cover

Display Layout and Icons



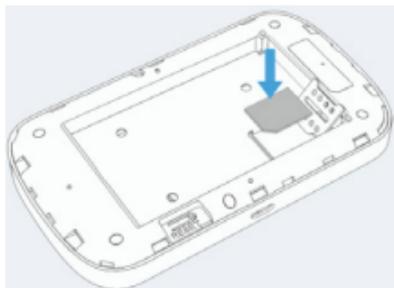
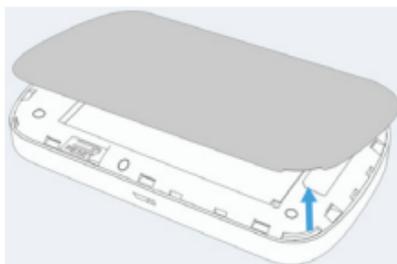
Icon	Description
	Signal and Roaming status icon
	Network mode icon
	Data flow icon
	Wi-Fi signal and number of access users
	The number of unread messages; maximum is 100
	Battery capacity icon; if battery is lower than 25%, this icon is red
	WPS status indicator
	Download and upload data speed

Hardware Installation

Installing the SIM Card

Follow the below instructions to install the SIM card:

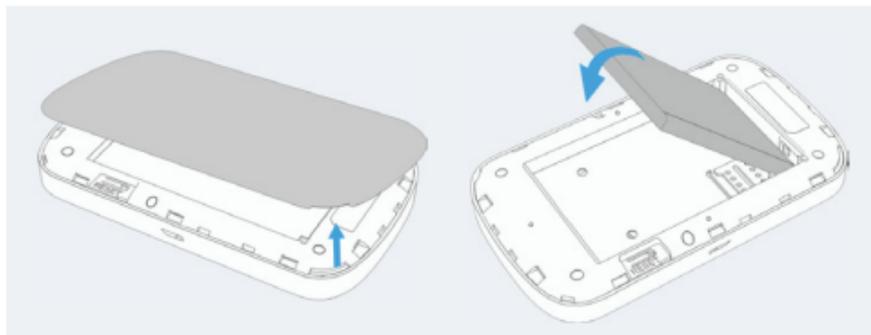
1. Remove the SIM card from the outer card, being careful not to touch the gold contacts.
2. Ensure the device is powered off. Remove the battery cover, and take the battery out.
3. Locate the SIM card slot. The metal SIM tray cover slides right and left to open or lock the SIM tray, respectively. Slide the SIM tray cover to the right to unlock the cover, and hold the SIM card so the gold contacts are facing down and properly aligned in the SIM card slot.
4. Insert the SIM card into the slot until it is fully inserted, and then slide the SIM tray cover to the left to lock the SIM tray.



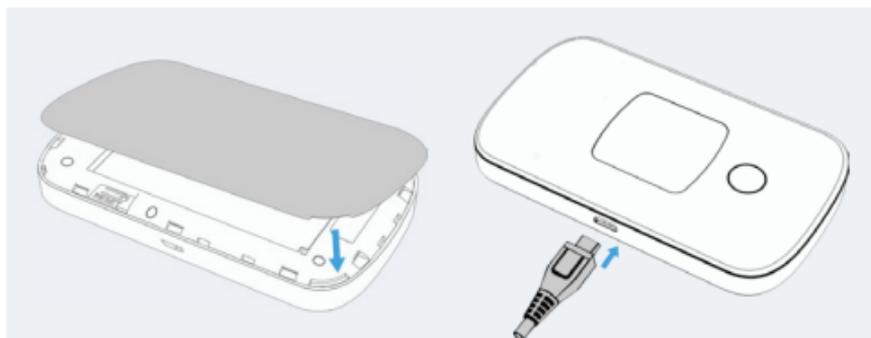
Note: Do not bend or scratch the SIM card and avoid exposing the SIM card to static electricity, water or dirt.

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. Replace the battery cover over the battery compartment and press down on the four corners of the battery cover 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 MicroUSB port.



Removing the SIM card

1. Ensure the device is powered off. Remove the battery cover and take out the battery.
2. Slide the SIM tray cover to the right to open the SIM tray, and gently remove the SIM card from the SIM card slot.

Setting up Wi-Fi connection

1. Press and hold the Power Button for 3 seconds until the welcome logo appears on the display. After a few seconds, the Wi-Fi signal icon will appear on the display.
2. Look for the network (SSID) **“Moxee HotspotXX_2.4G”** or **“Moxee HotspotXX_5G”**, where XX are the last two digits of the device IMEI.

3. Click **“Connect”** and enter the default password found on your device. Your Wi-Fi SSID and password information can be found on your device’s **“Wi-Fi Info”** screen or on the SSID label located underneath the battery cover.

Note: This device will search for software updates periodically and may result in a small amount of data usage.

Setting up your WPS

If your terminal supports 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. Enable WPS in the WebUI through Settings > Wireless > WLAN Settings > WPS.
2. Press the Menu Button on the device until the **“WPS Active”** page appears on the display.
3. Press the Power Button to activate the WPS function.
4. Enable the WPS function on your terminal to connect to the hotspot.

Logging into the WebUI

1. Make sure your hotspot is connected to the computer or other terminal via Wi-Fi or MicroUSB cable.
2. Open a browser on your computer or other connected device, and input **http://192.168.1.1** or **http://device.WebUI** into the address bar.
3. Enter your username and password, and click **“Log In”**.
The administrator has the right to check and modify configuration permissions.

Note: The default username is “admin”; the default password is “12\$XXX”, where “XXX” is the last three digits of your hotspot’s IMEI.

Note: You can find the default username and password printed on the device label by removing the back cover and battery.

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 MicroUSB cable.
2. Log in to **http://192.168.1.1** or **http://device.WebUI** in your browser.
3. The default user name is: **admin**.
The default password is: **12\$** followed by the last 3 digits of the device IMEI (for example: 12\$123).

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:



The screenshot shows the Moxee Home page with the 'Internet Info Button' selected. The page displays the following information:

Internet Mode:	Mobile Data
Network Status:	Connected
Connection Uptime:	0 Min
MAC Address:	A4:D4:82:6C:63:4B
IP Address:	10.113.234.114
Subnet Mask:	255.255.255.252
Default Gateway:	10.113.234.113
Primary DNS Server:	61.134.1.6
Secondary DNS Server:	218.30.19.40

• **Internet Info Button:** Allows you to check the Internet status by clicking the  icon. The Internet mode, network status, connection time and connection related parameters will be displayed.



The screenshot shows the Moxee Home page with the 'Wi-Fi Status Button' selected. The page displays the following information:

Status:	Enabled
Wi-Fi Name(SSID):	222
Password:	100118711
Wi-Fi 5G	
Status:	Disabled
Wi-Fi Name(SSID):	1111
Password:	10011872211

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• **Wi-Fi Status Button:** Allows you to check the Wi-Fi information of the hotspot by clicking the  icon. The 2.4GHz & 5GHz Wi-Fi status, SSID and password will be displayed.

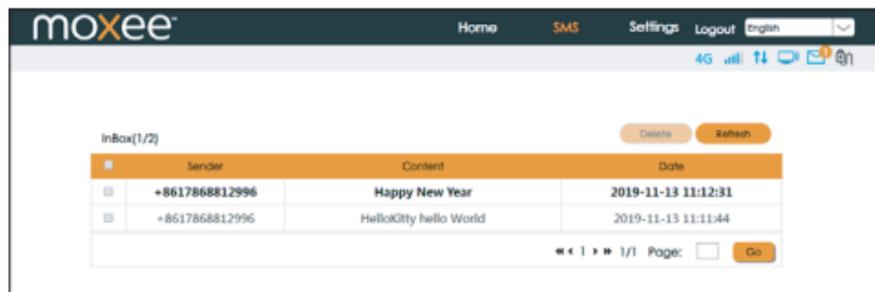


• **Clients Button:** You can check the connected client information by clicking the  icon. The connected client's device name, IP address and MAC address will be displayed.

SMS

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

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



Note: The device only receives SMS and does not send SMS.

Settings

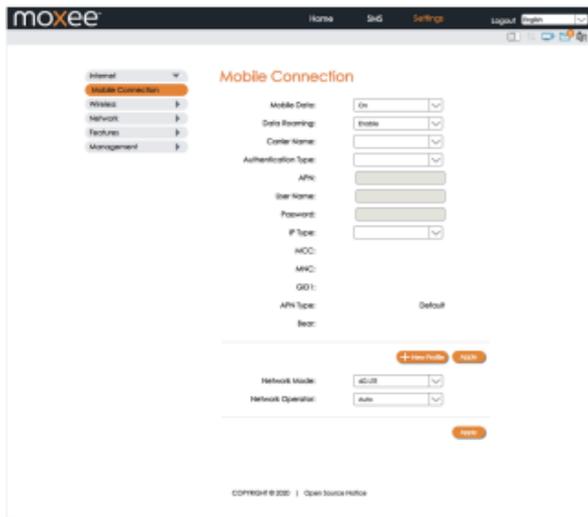
You can click **"Settings"** on the main page to configure the hotspot.

Internet

Mobile Connection

In this menu, you can configure your mobile data connection.

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 in most cases.



- **Mobile Data:** To Enable/Disable Mobile connection
- **Data Roaming:** To Enable/Disable Roaming connection
- **Carrier Name:** APN Profile Name
- **Network Mode:** 4G-LTE
- **Network Operator:** Auto/Manual, it is suggested to select “**Auto**”

Wireless

• WLAN Settings

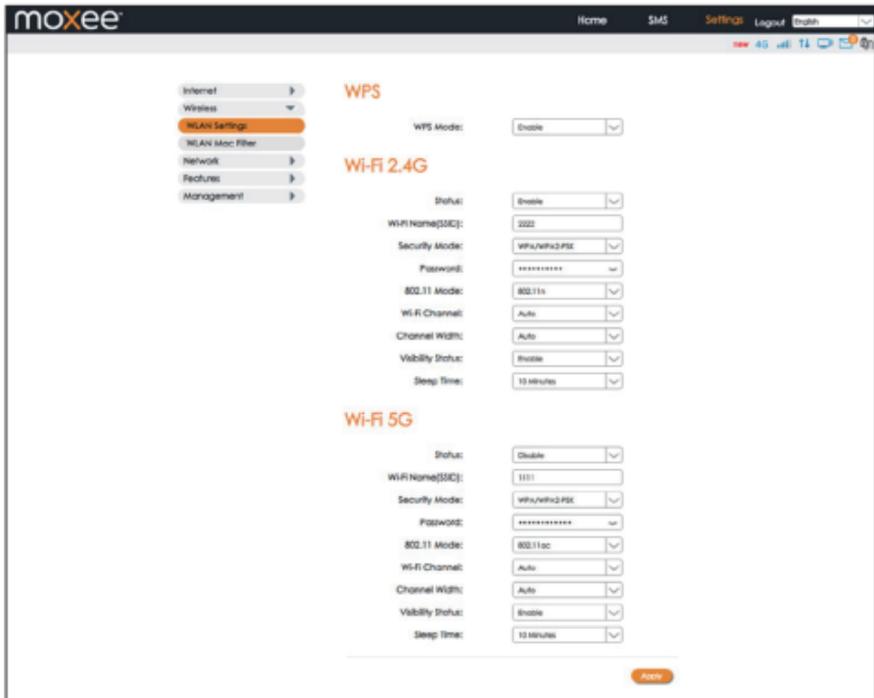
In this menu, you can configure the Wi-Fi settings for your hotspot device.

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.

2.4GHz is for **802.11 b/g/n**

5GHz is for **802.11 a/ac/n**



Note: If you are unsure of the Wi-Fi Channel or Channel Width, it is suggested to select “Auto”.

- **WLAN MAC Filter**

MAC address filtering (also known as 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.



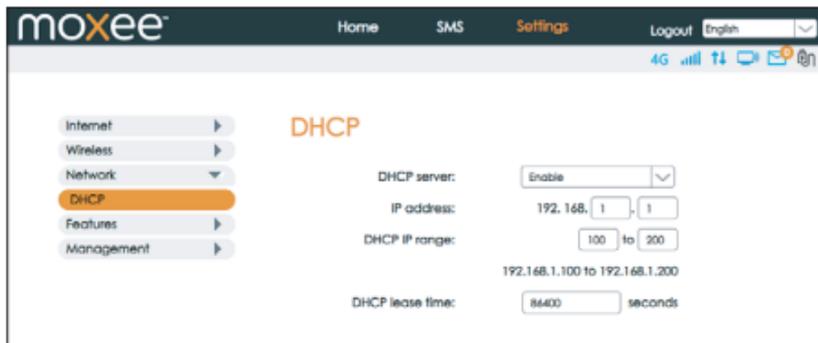
Network

• DHCP

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

- DHCP server is enabled
- Gateway IP address: 192.168.1.1
- DHCP IP Range: 192.168.1.100 to 192.168.1.200
- DHCP lease time: 24 hours (86400 seconds)

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

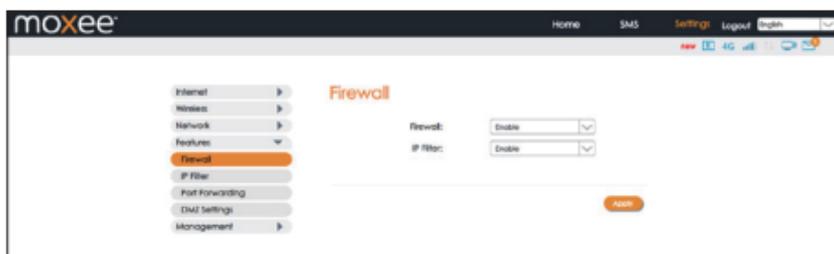


Features

• 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”** the Firewall/IP Filter settings.

Note: In order to enable the IP Filter, the Firewall setting must be set to “Enable” first.



• IP Filter

You can filter the packages by IP address, Protocol or 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 websites that you do not want users to access.

- The value range of the LAN/WAN Port is 1-65535.
- Settings will not take effect until the “Apply” button is clicked.

IP Filter

Status:

- **Whitelist:** Set the websites that users are allowed to access. If the whitelist is empty, users will not be able to access the internet.
- **Blocklist:** 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.

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
192.168.8.100	8080	5.5.4.2	8080	HTTP	Off	Off Details
192.168.8.200	8080	5.5.4.2	8080	HTTP	On	Off Details

• 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.

Port Forwarding

IP address: Designate a computer located on the LAN to provide services.

LAN/WAN port: The port of the computer that provides services. It is a single port 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.

Name	WAN Port	LAN IP Address	LAN Port	Protocol	Status	Options
5.5.4.2	80	192.168.8.100	21	FTP	Off	Off Details
5.5.4.2	80	192.168.8.200	20	TCP	On	Off Details

Example: How to set up 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.

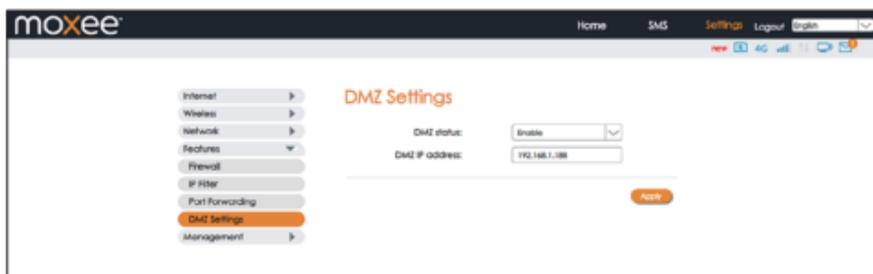
Step 2: Log in to the Gateway, and go to Settings > Features > Port Forwarding.

Step 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.

Management

- **SNTP**

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

The screenshot shows the Moxee Settings interface. On the left is a navigation menu with options: Internet, Wireless, Network, Features, Management, SNTP (highlighted), PIN Management, Device Information, System Admin, Upgrade, and Reboot & Reset. The main content area is titled 'SNTP' and displays the following configuration options:

- Status: Succeed to synchronize
- Current time: 2020-04-21 19:14:57
- Enable auto-sync with network time
- Time server1: time.windows.com
- Time server2: clock.hk.hk.net
- Time server3: clock.nyc.hk.net
- Time server4: clock.jp.hk.net
- Time server5: clock.la.net
- Time zone: (GMT-05:00)Eastern Time
- Enable daylight saving time

At the bottom right of the configuration area is a 'Apply' button. The footer contains the text 'COPYRIGHT © 2020 | Open Source Notice'.

• PIN Management

In this section you can enable or disable the 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.

The screenshot shows the Moxee Settings interface for PIN Management. The navigation menu on the left includes: Internet, Wireless, Network, Features, Management, SNTP, PIN Management (highlighted), Device Information, System Admin, Upgrade, and Reboot & Reset. The main content area is titled 'PIN Management' and contains the following fields:

- PIN specification: Enable
- PIN code: [Empty text input field]
- Remaining attempts: 3

At the bottom right of the configuration area is a 'Save' button. The footer contains the text 'COPYRIGHT © 2020 | Open Source Notice'.

• Device Information

In this section, you can view basic information about your device. Please contact your service provider for more information.

Internet | Wireless | Network | Features | Management | QoS | P2P Management | **Device Information** | System Admin | Upgrade | Backup & Reset

Device Information

Device Name:	K77W50L
Software Version:	K77W50L_200.0_BQ100
Hardware Version:	K77W50L_V1.00_PC8
IMEI:	3595310E11877
IMSI:	@Wimax
MAC:	A4D4824C4348

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- **Device Name:** Name of the hotspot for identification purposes.
- **Software Version:** Software version currently loaded on the hotspot.
- **Hardware Version:** Hardware version of 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.

- **System Admin**

The **admin** account can change all hotspot settings. Click **“Apply”** to set the new username and password.

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

Internet | Wireless | Network | Features | Management | QoS | P2P Management | Device Information | **System Admin** | Upgrade | Backup & Reset

Admin Username

Current Username:

New Username:

Current Password:

Admin Password

Current Password:

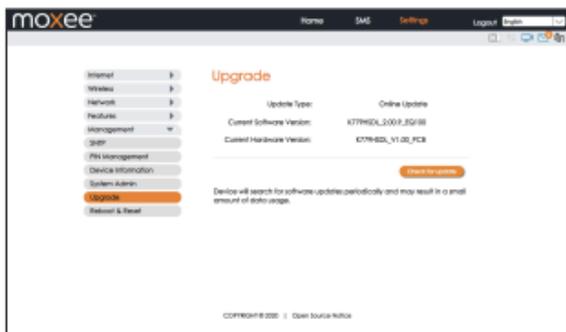
New Password:

Confirm Password:

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• 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 the update. You can also check the current software and hardware information on this page.

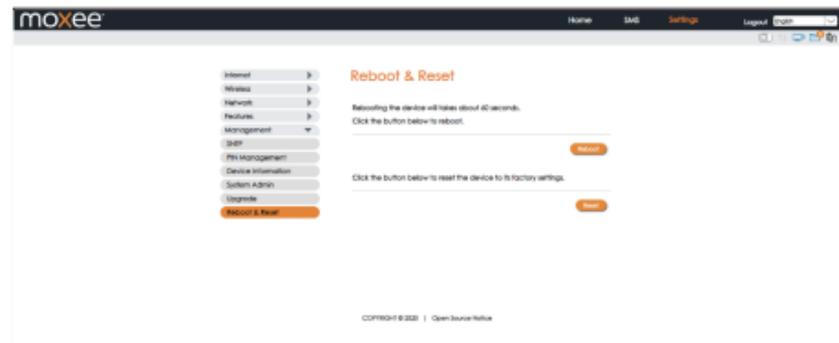


Manually check for update:

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.

Log out

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

Troubleshooting:

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

1. If the device is not responsive, restart it by pressing the Power Button for 8 seconds.
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?

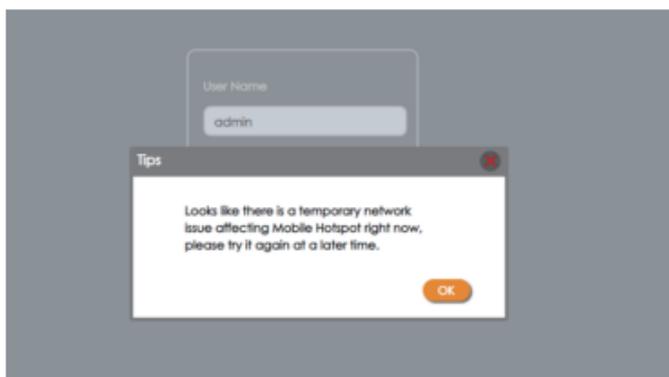
- A: 1. Check if the password you entered is the correct one.
2. Check if WPS security is enabled on your PC. If so, check the device to see if it is expecting a WPS action from your PC.

Q: What if there's no service?

A: The possible reasons are an 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.
3. Log in to the WebUI to review any error messages.
There are two kinds of error messages that may pop up when you log in to the WebUI as below. Please follow the steps provided.



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

- A: 1. You can find the Wi-Fi Password in the Wi-Fi Info page on the LCD.
2. You can also reset the device to factory defaults by pressing the reset button for 5 seconds.

Q: What to do if the PIN or PUK locks up?

- A: If the SIM card is locked, you will need to enter a PIN. Log in to the WebUI (<http://192.168.1.1> or <http://device.WebUI>) 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.

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 the device 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 usage limitations when using your device in 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 a case, sudden temperature changes can produce moisture inside and outside your device. Wait until it becomes dry before powering on and using your device.
- Handle your device carefully. Do not drop, bend, or strike it; your device may get damaged.
- Do not attempt to disassemble the device.
- An operating temperature range of 14°F(-10°C) to 113°F(+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 the 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!

Do not handle or touch the battery if it is damaged.

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 appropriate 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 the manufacturer or an approved service center.
 - v. Power failures, surges, fire, flood, accidents, actions of third parties or other events outside the manufacturer'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 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 usage 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 device model 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 1.06 W/kg (Body-worn measurements differ among device models, depending upon available enhancements and FCC requirements.)

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 device model 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 for: 2APQU-K779HSDL

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.



WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov