



# Three 4G MiFi

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## Read this first

- Before using this documentation and the device it supports, ensure you read and understand the "Important safety instructions" on page 13.
- Illustrations in this documentation might look different from your device.
- Instructions in this documentation may vary depending on your software version.
- Some features are not available in all countries or regions. Feature availability is subject to change.
- Documentation content is subject to change without notice. We make constant improvements on the documentation of your device, including this user manual.
- TCL Communication Ltd. does not assume any liability that may occur due to the use or application of the product described herein. Every effort has been made in the preparation of this documentation to ensure accuracy of the contents, but all statements, information and recommendations in this documentation do not constitute the warranty of any kind, express or implied.

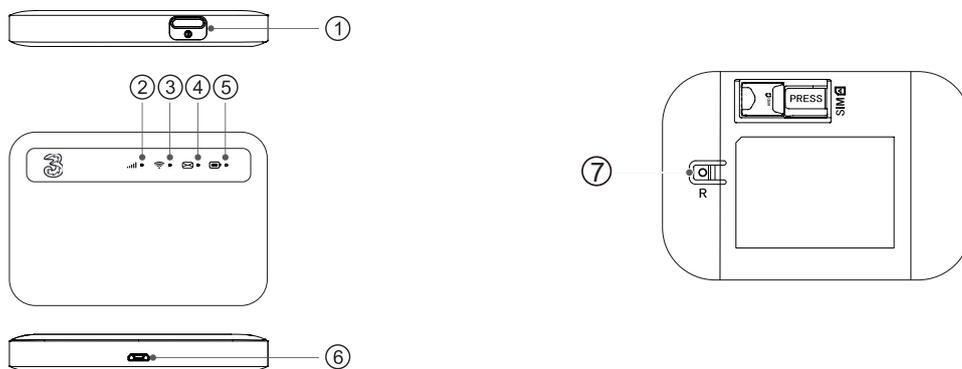
# Chapter 1. Meet Your Three 4G MiFi

This Three 4G MiFi is a 4G mobile router, providing download speeds of up to 300 Mbps. Your Three 4G MiFi lets you create fast and secure Wi-Fi in any location with cellular network coverage.

## 1.1 System requirements

Your Three 4G MiFi supports up to 32 connected devices over Wi-Fi. It can be accessed via the main Internet browsers, for example Google Chrome, Microsoft Edge, Firefox or Safari.

## 1.2 Overview



<b>1. Power Button</b>	<ul style="list-style-type: none"> <li>• Press and hold for 3 seconds to power on or off your device.</li> <li>• Press and hold for 10 seconds to reboot your device.</li> </ul>
<b>2. Signal Indicator</b>	<ul style="list-style-type: none"> <li>• Solid blue: your device is connected to the internet and the signal is strong.</li> <li>• Solid red: your device has no network service, no SIM inserted or signal is weak.</li> <li>• Flashing blue: your device is disconnected from the internet.</li> </ul>
<b>3. Wi-Fi Indicator</b>	<ul style="list-style-type: none"> <li>• Solid blue: Wi-Fi is on.</li> <li>• Off: Wi-Fi is off.</li> </ul>
<b>4. SMS Indicator</b>	<ul style="list-style-type: none"> <li>• Solid blue: you have unread message(s).</li> <li>• Flashing blue: your inbox is full.</li> <li>• Off: you have unread message(s)</li> </ul>
<b>5. Battery Indicator</b>	<ul style="list-style-type: none"> <li>• Solid blue: battery level is 21% - 100%</li> <li>• Flashing blue: the device is charging</li> <li>• Solid red: battery level is low (&lt;20%).</li> </ul>

## 6. Micro USB Port

- Connect to a power supply (5V/1A) using the provided USB cable.

## 7. Reset Button

Use a paperclip to depress the button for 3 seconds to reset the device.



### NOTES

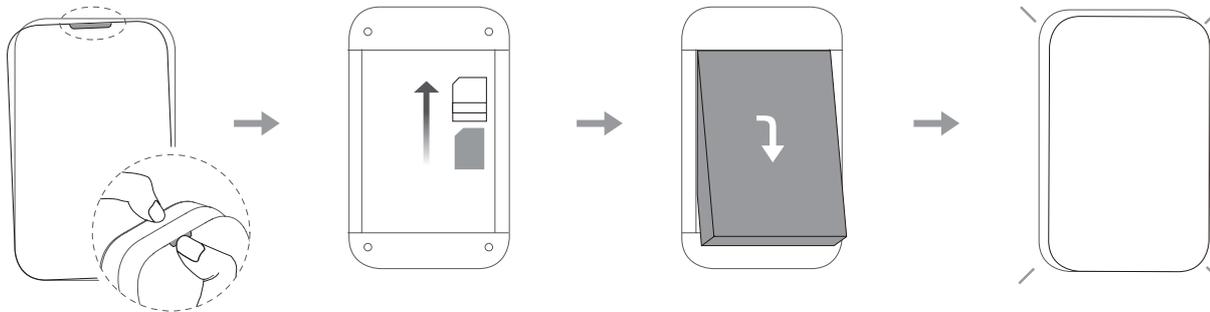
- When the Three 4G MiFi downloads and installs software updates, you will see the LEDs flash on and off in a sequence. Do not power off your Three 4G MiFi during this process as it may cause device malfunction.
- **Power Saving Mode:**
  - If your Three 4G MiFi has been idle for 30 seconds, all indicators except the battery indicator will automatically turn off. The LED indicators will light up when the device is connected to USB, or when the power button is pressed.
  - If your Three 4G MiFi does not have an active Wi-Fi connection for over 10 minutes, your Three 4G MiFi will be disconnected from the network. Data traffic will resume automatically when the Wi-Fi connection is established or the power button is pressed.
  - If your Three 4G MiFi does not have an active Wi-Fi connection for 30 minutes, the Wi-Fi function will be turned off. Press the power button to wake up the device and activate the Wi-Fi function again.

## Chapter 2. Getting Started

This chapter introduces the basic instructions on how to get your Three 4G MiFi up and running.

### 2.1 Install a SIM and the battery

To install a SIM and the battery:



1. Remove the back cover as illustrated in the picture 1.
2. Press and slide a SIM into the slot until the card sits properly. Heed the orientation of the SIM card.
3. Align the pins and press the battery down until it is properly installed.
4. Close the back cover with the loophole aligned.

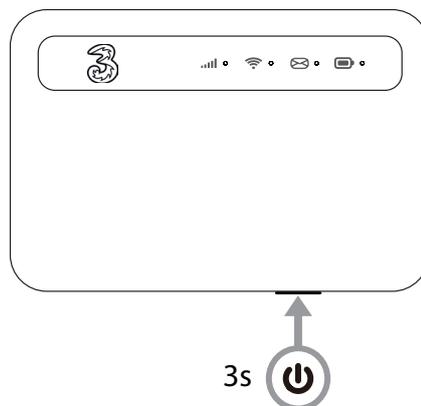


#### NOTE

Remove the battery if your Three 4G MiFi will not be used for more than one week.

### 2.2 Power on your Three 4G MiFi

To power on your Three 4G MiFi, press and hold the power button for 3 seconds. The indicators will flash solid blue.



## 2.3 Connect to Three 4G MiFi network

There are two options to connect to Three 4G MiFi network:

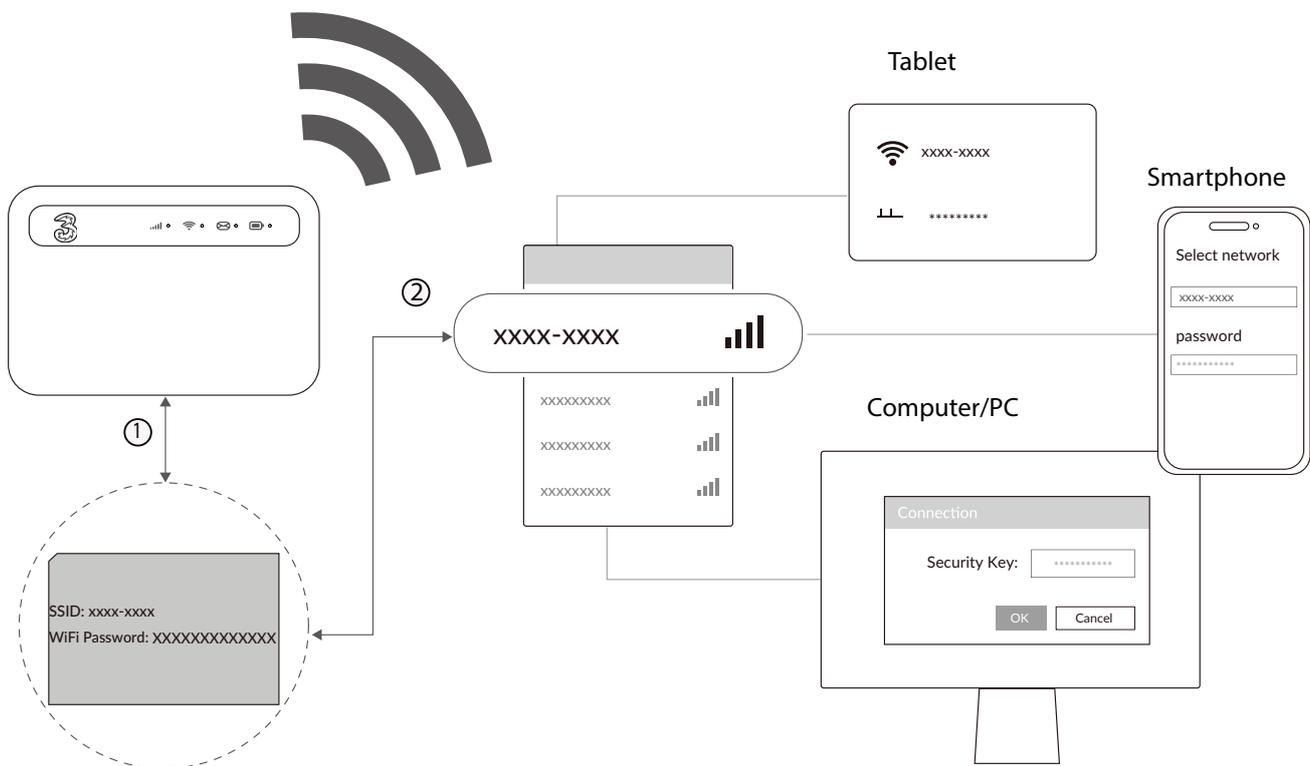
### Option A. Connect via Wi-Fi

The router supports the connection of up to 32 devices via Wi-Fi.

To connect your device to your router via Wi-Fi:

- 1) Make sure that Wi-Fi is enabled on the router and on the device to be connected. For help, refer to your device's user manual.
- 2) In the list of available wireless networks on your device, select the Wi-Fi network name (SSID) corresponding to the router and enter the password. The default Wi-Fi name and password can be found on the label underneath the battery inside your Three 4G MiFi.

Your device will connect to the router in a few moments.



### Option B. USB connection

The router can be connected to a laptop or PC in USB-tethering mode without needing to install any drivers (RNDIS).

To connect your router to a laptop or PC in USB-tethering mode:

- 1) Make sure your router is powered on;
- 2) Connect one end of the supplied micro-USB cable to your router and the other end to your laptop or PC's USB port.
- 3) A remote NDIS device (or TCL Module for macOS) and its corresponding network connection will appear on your PC within a few minutes.

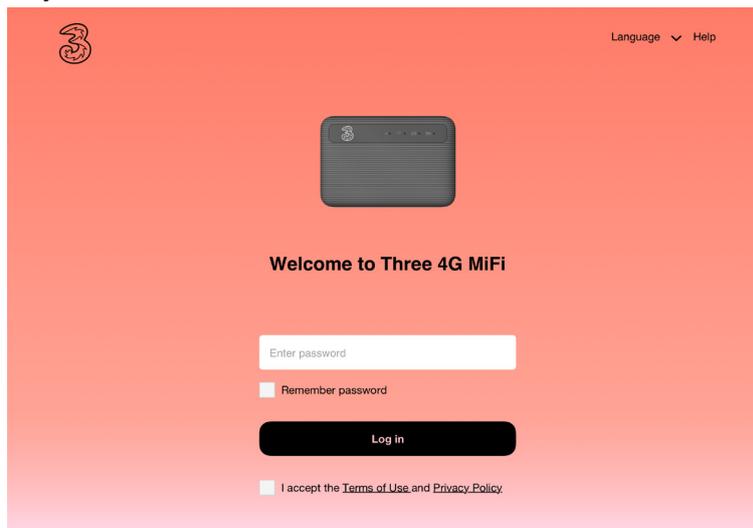
# Chapter 3. Access the Web UI

This chapter introduces how to access the web UI of your Three 4G MiFi, and gives you a glimpse of the web UI.

## 3.1 Log in to the web UI

To log in to the web UI, follow these steps:

1. Open a web browser on the device connected to the Three 4G MiFi network.
2. Go to the login website which can be found on the label beneath the battery, then follow the on-screen instructions to finish the login process. For the default login information, refer to the label inside your Three 4G MiFi.



### NOTES

- Click **Language** at the upper right of the screen to change the language setting.
- Click **Help** at the upper right of the screen to access user manual.

## 3.2 Explore web UI features

The home page of the web UI is mainly comprised of the following tiles: Home, Status, Services, Settings, and System. Click on each tab to display more information about your Three 4G MiFi.

Commonly-used status icons are displayed in the web UI, which give you information about your Three 4G MiFi.

Status icon	What it means
<b>4G</b>	This shows if your device is connected to 3G or 4G.
	The number of the signal bar indicates the signal strength. The more signal bars displayed, the stronger the signal is.
	If shown, your Three 4G MiFi is connected to the network.

Status icon	What it means
	If shown, your Three 4G MiFi is disconnected from the network.
	You have unread messages.
	Your SMS inbox is full.
	Wi-Fi is enabled.
	Wi-Fi is disabled.
	This shows how much battery is remaining.

# Chapter 4. Configure Your Three 4G MiFi

In this chapter, we will show you how to get the most out of your Three 4G MiFi using the web UI. With the web UI, you can configure Wi-Fi settings, view connected devices, manage SMS settings, and more.

## 4.1 Home

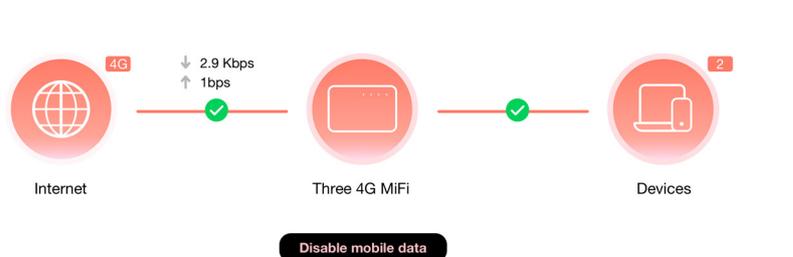
This section allows you to quickly check connection status, network information, device information, and connected devices.

### Network overview

The network overview panel shows network connection status, download and upload speed, and the number of connected devices.

Click **Disable mobile data** to disconnect your Three 4G MiFi from the network.

Click **Enable mobile data** to connect your Three 4G MiFi to the network.



### Network

The Network panel displays network name, network type, and network connection status.

Click Network to access the internet setting page.

### Device information

The Device information panel shows device model, software version, and running time.

Click Device information to get more information on your device.

### Connected devices

The Connected devices panel displays the number of devices connected to your Three 4G MiFi network wiredly and wirelessly.

Click Connected devices to get more detailed information on the connected devices.

## 4.2 Status

This section allows you to view your network information, connection status, device information and more.

### Status

You can quickly check device information, such as cellular network and Wi-Fi.

## Connected devices

This tab allows you to edit the connected device name, and manage internet access for connected devices.

## Usage

This tab allows you to view the monthly data usage and customize your monthly plan.

## 4.3 Services

Navigate to Services, and click the SMS tab to display the information you want or change SMS settings as desired.

Refer to the following table for commonly used operations of SMS messages.

Inbox	Incoming messages are stored in this folder.
Outbox	Outgoing messages are stored in this folder.
Draft	Draft messages are stored in this folder.
New message	Write a new message in this folder.
SMS settings	Configure SMS settings in this folder.

Refer to the following table for commonly used operations of SMS messages.

Read a message	Click the message you want to read.
Send a message	<ol style="list-style-type: none"><li>1. Click <b>SMS &gt; New message</b>.</li><li>2. Input the recipient's number and message content.</li><li>3. Click <b>Send</b>.</li></ol> <p><b>NOTE:</b> A message can be sent to up to five recipients simultaneously.</p>
Reply to a message	<ol style="list-style-type: none"><li>1. Click the message you want to reply to.</li><li>2. Click <b>Reply</b>.</li><li>3. Input the message content, then click <b>Send</b>.</li></ol>
Delete a message	<ol style="list-style-type: none"><li>1. Locate the message you want to delete in the <b>Inbox</b> or <b>Outbox</b> folder.</li><li>2. Tick the checkbox beside the message you want to delete.</li><li>3. Click <b>Delete</b>.</li></ol>
Delete all messages	<ol style="list-style-type: none"><li>1. Click at the top of the checkbox column to select all messages.</li><li>2. Click <b>Delete</b>.</li></ol>
Forward all messages	<ol style="list-style-type: none"><li>1. Click <b>SMS settings</b>.</li><li>2. Enable <b>SMS forwarding</b> to mobile phone.</li><li>3. Input the recipient's number.</li><li>4. Click <b>Apply</b>.</li></ol>

## 4.4 Settings

This section allows you to configure connection mode, manage Wi-Fi settings, set up profiles, and more.

### Quick setup

In this tab, you can configure basic connection settings for your SIM card, select 2.4 GHz, 5 GHz and set Wi-Fi security mechanism for your Internet under either mode. You can also set SSID and Wi-Fi password, and more. If no Wi-Fi is needed, click "**Disabled**" to disable Wi-Fi.

### Setup

#### Network connection

In this option, you can configure and manage connection mode, mobile data, and data roaming.

#### Profile management

In this option, you can set up a new APN profile, and edit or delete existing profiles.

Add a new profile	<ol style="list-style-type: none"><li>1. Click <b>New</b>.</li><li>2. Input the correct parameters (like profile name, APN and IP type) for your network operator.</li><li>3. Click <b>Save</b>.</li></ol>
Edit a profile	<ol style="list-style-type: none"><li>1. Select the profile from the profile management list.</li><li>2. Click <b>Edit</b> to set the parameters.</li><li>3. Click <b>Save</b>.</li></ol>
Delete a profile	<ol style="list-style-type: none"><li>1. Select the profile from the profile management list.</li><li>2. Click <b>Delete</b>.</li></ol> <p><b>NOTE:</b> The default profile cannot be deleted.</p>
Set as default	<ol style="list-style-type: none"><li>1. Select the profile from the profile management list.</li><li>2. Click <b>Set as default</b>.</li></ol>

#### Network settings

The default network mode is **4G (preferred)/WCDMA**.

### Wi-Fi

#### Basic

Configure basic Wi-Fi settings in this option.

SSID	SSID is the name of the wireless network.
SSID Broadcast	This function is enabled by default. When this function is disabled, other users cannot detect the SSID or the Wi-Fi name. They need to manually enter SSID to connect to your Three 4G MiFi network.
Security	The available security modes include <b>Disable, WPA2, WPA/WPA2, WPA2/WPA3, WPA3</b> .

Encryption	The available option is <b>AES</b> .
Wi-Fi Password	Check the Wi-Fi password in this item.

### Advanced

Configure advanced Wi-Fi settings in this option.

Max. connected devices	You can decide how many client devices can connect to your Three 4G MiFi network at a time.
802.11 mode	The mode is set to 2.4 GHz (802.11b, 802.11b/g, and 802.11b/g/n) or 5 GHz (Auto, 802.11a, 802.11an, and 802.11ac).
AP isolation	The AP isolation function enables you to create a separate virtual network for each wireless client that is connected to your Three 4G MiFi network. When this function is enabled, all wireless devices in the network will not be able to communicate with each other.
Channel bandwidth	Select the available options from the drop-down menu.

### Guest network

In this tab, you can enable or disable the Guest network feature, and configure guest network Wi-Fi name, Wi-Fi password, and validity duration. Devices connected to the guest network can access the internet, but cannot access the Three 4G MiFi web UI or the master network.

### WPS

Wi-Fi Protected Setup (WPS) is a wireless network security standard that tries to make connections between your Three 4G MiFi and wireless devices faster and easier.

If your wireless device is WPS-supported, you can access Three 4G MiFi's Wi-Fi network through a WPS connection.

To make a WPS connection:

1. Go to **Settings > Wi-Fi > WPS**.
2. Click **Start WPS**.
3. Enable the WPS function of your wireless device within 2 minutes to make a WPS connection.



#### NOTE

WPS function will be disabled if WiFi security is set to WPA3, Disabled, or if WiFi network or SSID broadcast is turned off.

## Security

### SIM PIN management

Enable SIM PIN	<ol style="list-style-type: none"><li>1. When the SIM PIN feature is disabled, click  .</li><li>2. Set a SIM PIN code.</li><li>3. Click <b>Apply</b>.</li></ol>
Disable SIM PIN	<ol style="list-style-type: none"><li>1. When the SIM PIN feature is enabled, click  .</li><li>2. Enter the current SIM PIN code.</li><li>3. Click <b>Apply</b>.</li></ol>



#### NOTE

When the SIM PIN code is entered incorrectly 3 times, a PUK code is required. You can obtain the PUK code from your internet service provider.

### Advanced settings

Check the IP address, and manage DHCP and MAC settings on this tab.

#### DHCP

Dynamic Host Configuration Protocol (DHCP) is a client or server protocol that automatically provides you with an Internet Protocol (IP) host. The IP address and related configuration settings such as subnet mask and default gateway address are all automatically assigned.

#### IP filter

By default, any device connected to your Three 4G MiFi network is allowed to access the internet. Specify which device cannot access the internet by adding the device to the blacklist.

#### MAC filter

By default, any device connected to your Three 4G MiFi network is allowed to access the internet. You can specify which device can or cannot access the internet by adding the device to the blacklist or whitelist.

Disable	All connected devices can access the internet.
Whitelist	Only devices with a MAC address in this list can access the internet.
Blacklist	Devices with a MAC address in this list cannot access the internet.

#### DMZ

If external users cannot access certain network services within the LAN, you can enable the DMZ function and set a new host IP address.

#### UPnP

Universal Plug and Play (UPnP) is a set of networking technology and protocols that allow connected devices to discover each other and establish functional network services for data sharing, communications, and entertainment. No drivers are needed, the devices over the same network can communicate with each other regardless of their operating systems.

To enable UPnP:

1. Go to **Settings > Advanced Settings > UPnP**.
2. Select the button next to it to enable UPnP.

## 4.5 System

In this section, you can quickly view the device information, reboot or reset your device, modify login password, and more.

### Device information

You can view device information in this tab, including IMEI, software version, and MAC address.

### Login password

Enter your current password, and set a new one.

### Backup & restore

This feature allows you to back up the current device configuration, or restore the device to the previous configuration by importing the backup configuration file.

### Restart & reset

This function enables you to restart or factory reset the Three 4G MiFi. If the Three 4G MiFi does not work properly, you can try restarting the device to solve the problem.

If you can't access the internet for unknown reasons, or forget the login password, you can restore the Three 4G MiFi to factory settings. To reset the Three 4G MiFi, you can also use a paperclip to press the reset button on the Three 4G MiFi for 3 seconds.

### Firmware update

Click Check for update, and the Three 4G MiFi will detect software version. If a new version is available, you can click Update to upgrade the software.



Do not power off the device during the upgrade process. Otherwise, it may be damaged.

# Important safety information

Read all the safety information before using your product. Failure to follow these safety instructions could result in injury, or damage to your product or other property.

## Important safety instructions

- Do not use the device in areas where wireless devices are prohibited.
- Do not let children use the device and its accessories without supervision.
- Always handle your device with care, and keep it in a clean and dust-free place.
- Do not attempt to repair the device yourself.
- Do not drop, throw, or bend your device.
- Do not dispose of the device and its accessories in a fire.

## Medical device interference

Your router contains components which may interfere with medical devices such as pacemakers, defibrillators, or other medical devices. Maintain a safe distance of separation between your medical device and your router. Consult your physician and medical device manufacturer for information specific to your medical device.

## Power adapter

Charge your device with the certified USB cable. Only charge with an adapter that is compliant with the applicable international and regional safety standards. Using other adapters could cause damage to the device or pose a risk of injury or death. Keep the adapter in a well-ventilated area when it is plugged into an electrical outlet. Don't use damaged power adapters.

## Battery

**CAUTION** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

In accordance with air regulations, the battery of your product is not fully charged. Please charge it first.

- Do not attempt to open the battery (due to the risk of toxic fumes and burns).
- Do not puncture, disassemble, or short circuit the battery.
- The battery must be recycled or disposed of separately from household waste. Dispose of batteries according to your local environmental laws and guidelines.
- Replace the battery only with another qualified battery. Use of an unqualified battery may present a risk of fire, explosion, leakage, or other hazard.
- Do not use damaged battery.

## Operating temperature

Your device is designed to work best in ambient temperatures between 0 °C and 45 °C (32 °F and 113 °F), and should be stored in ambient temperatures between -10 °C and 70 °C (14 °F and 158 °F). Your device may malfunction if operated or stored outside of these temperature ranges. Avoid exposing the device to dramatic changes in temperature or humidity.

## Regulatory compliance information

This section introduces regulatory information, certification, and compliance information specific to your product.

### Regulatory compliance



Hereby, TCL Communication Ltd. declares that the radio equipment type MW63V3 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the EU declaration of conformity is available at: [https://www.tcl.com/global/en/EC\\_DOC](https://www.tcl.com/global/en/EC_DOC)



Hereby, TCL Communication Ltd. declares that the radio equipment type MW63V3 is in compliance with the Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at: [https://www.tcl.com/global/en/EC\\_DOC](https://www.tcl.com/global/en/EC_DOC)



Hereby, TCL Communication Ltd. declares that the radio equipment type MW63V3 is in compliance with The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. The full text of the PSTI Statement of Compliance is available at:

[https://www.tcl.com/global/en/EC\\_DOC](https://www.tcl.com/global/en/EC_DOC)

The support period of the device can be found at:

<https://www.tcl.com/uk/en/support-mobile/software-security>

The information on how to report security issues of the device can be found at:

<https://src.tcl.com/en/index>

## Disposal and recycling information

At TCL, we continually strive to improve our operations and products, and minimize our impact on the environment.



This symbol on your device and/or its accessories indicates that this device should not be disposed of with household waste. When this device reaches its end of life, take it to a collection point designated by local authorities. For more detailed information about device recycling, contact your local authorities, household waste disposal centers, or retail stores.

The separate collection and recycling of your device and/or its accessories at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

# Troubleshooting

If you encounter problems while using the product, use the troubleshooting information to help determine the problem and find possible solutions.

## General problems

Problem	Solution
I forget the Wi-Fi password.	<ul style="list-style-type: none"><li>• Log in the web UI, then go to <b>Settings &gt; Wi-Fi &gt; Basic</b>, and find the current Wi-Fi password.</li><li>• Or use a paperclip to press the reset button for 3 seconds to factory reset the device.</li></ul>
How do I change the Wi-Fi name and password?	<ol style="list-style-type: none"><li>1. Log in to the web UI.</li><li>2. Go to <b>Settings &gt; Wi-Fi &gt; Basic</b>.</li></ol>
The network indicator is solid red.	<p>When the SIM or network service is not available, or the device is not registered to the network, the network indicator is off.</p> <ul style="list-style-type: none"><li>• If you are using a SIM, make sure the SIM is valid and inserted correctly, or place the Three 4G MiFi in an area with better signal (for example near a window), and try again.</li></ul>
I can't find the Wi-Fi name of the Three 4G MiFi on my wireless device.	<ul style="list-style-type: none"><li>• Make sure the Wi-Fi indicator of your Three 4G MiFi is solid blue.</li><li>• Refresh the available network list on your wireless device.</li></ul>
How do I set a new PIN code for my SIM card?	<ol style="list-style-type: none"><li>1. Log in to the web UI.</li><li>2. Go to <b>Settings &gt; Security &gt; SIM PIN management</b>.</li><li>3. Enable PIN operation, and enter a new PIN code.</li><li>4. Click <b>Apply</b>.</li></ol>
Where can I find the device's model number and firmware version?	<ol style="list-style-type: none"><li>1. Log in to the web UI.</li><li>2. Go to <b>System &gt; Device information</b>.</li></ol>

## Web UI problems

Problem	Solution
How can I access the web UI?	<ol style="list-style-type: none"><li>1. Open the web browser, and go to <a href="http://192.168.1.1">http://192.168.1.1</a>.</li><li>2. Enter the login information as required. Find the default login information on the label inside your Three 4G MiFi.</li></ol>

I can't log in to the web UI.	<ul style="list-style-type: none"> <li>• Make sure <a href="#">192.168.1.1</a> is entered correctly in the web browser.</li> <li>• Make sure the Three 4G MiFi is powered on.</li> <li>• Check whether the device is connected to the Three 4G MiFi network properly.</li> </ul>
How do I change the login password?	<ol style="list-style-type: none"> <li>1. Log in to the web UI.</li> <li>2. Go to <b>System &gt; Login password</b>.</li> </ol>
"No SIM" or "Invalid SIM" is displayed on the web UI.	<ul style="list-style-type: none"> <li>• Make sure there is a SIM in your Three 4G MiFi.</li> <li>• Reinstall the SIM, and log in to the web UI again. <b>NOTE:</b> Power off your device before removing the SIM.</li> </ul>

## Connection problems

Problem	Solution
I can't access the internet.	<ul style="list-style-type: none"> <li>• If no SIM is detected, power off your Three 4G MiFi, and reinsert the SIM, then try again.</li> <li>• If a PIN code is required, enter the PIN code, and try again.</li> <li>• If no network is available, place the Three 4G MiFi in an area with better signal (for example near a window), and try again.</li> <li>• Reboot your Three 4G MiFi, and try again.</li> <li>• If the MAC filter function is enabled, make sure your device MAC address is on the whitelist.</li> </ul>
How can I access the Three 4G MiFi network wirelessly?	<p>Select the Wi-Fi name (or the SSID) of the Three 4G MiFi on your wireless devices, and enter the Wi-Fi password.</p> <p><b>NOTE:</b> The default Wi-Fi name and the Wi-Fi password can be found on the bottom label of your Three 4G MiFi.</p>
"PIN lock" or "PUK lock" is displayed on the screen of the device connected to the Three 4G MiFi network.	<p>This indicates that the SIM is locked.</p> <p>To unlock the SIM, log in to the web UI and enter the PIN code or PUK code. To obtain the PUK code, contact your internet service provider.</p> <p><b>NOTE:</b> If the PIN code is entered incorrectly for consecutive 3 times, you will be required to enter the PUK code. If the PUK code is entered incorrectly 10 times, the SIM card will be locked permanently.</p>