



User Guide

4G LTE Mobile Wi-Fi
M7000

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FAQ48

About This Guide

This guide is a complement of Quick Installation Guide. The Quick Installation Guide provides instructions for quick internet setup, while this guide contains details of each function and demonstrates how to configure them.

Features available in the Mobile Wi-Fi may vary by model and software version. Mobile Wi-Fi availability may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Mobile Wi-Fi experience.

Conventions

In this guide the following conventions are used:

Convention	Description
<u>Underlined</u>	Underlined words or phrases are hyperlinks. You can click to redirect to a website or a specific section.
Teal	Contents to be emphasized and texts on the web page are in teal, including the menus, items, buttons and so on.
>	The menu structures to show the path to load the corresponding page. For example, Advanced > Wireless > Black List means the Black List page is under the Wireless menu that is located in the Advanced tab.
 Note:	Ignoring this type of note might result in a malfunction or damage to the device.
 Tips:	Indicates important information that helps you make better use of your device.

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.

*Battery life estimates obtained through testing in a laboratory setting.

More Info

The latest software, management app and utility are available at the [Download Center](#) at <https://www.tp-link.com/support>.

The Quick Installation Guide can be found in the same place you found this guide or inside the package of the Mobile Wi-Fi.

Specifications can be found on the product page at <https://www.tp-link.com>.

TP-Link Community is provided for you to discuss our products and share knowledge at <https://community.tp-link.com>.

Our Technical Support contact information can be found at Contact Technical Support page at <https://www.tp-link.com/support>.

Chapter 1

Get to Know About Your Mobile Wi-Fi

This chapter introduces what the Mobile Wi-Fi can do and its appearance. It includes the following sections:

- [Product Overview](#)
- [Physical Description](#)

1. 1. Product Overview

The Faster Connections, The More You Can Do

Just insert a SIM card to create your reliable personal Wi-Fi hotspot and share instant 4G/3G connectivity with friends. The Mobile Wi-Fi, supporting the latest generation 4G LTE network, can reach a faster download speed so that users can enjoy HD movies without interruption, download files in seconds, and hold a video chat without dropouts.

Artful Little Gadget and Built-in Battery for Life on the Go

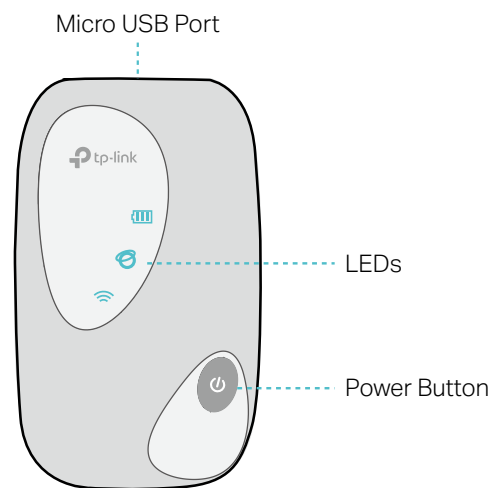
The TP-Link Mobile Wi-Fi features a compact, elegant design and rechargeable powerful battery very suitable for travel, business trips and outdoor activities. With added flexibility, the device can be charged via a micro USB cable connected to an adapter, laptop or portable charger for endless hours of 4G sharing.

Easy Management with the tpMiFi App

With the tpMiFi App, you can conveniently access and manage the Mobile Wi-Fi right on your iOS/Android devices. The tpMiFi app allows you to set data limits, control Wi-Fi access and send messages.

1.2. Physical Description

1.2.1. The Exterior



LED Explanation

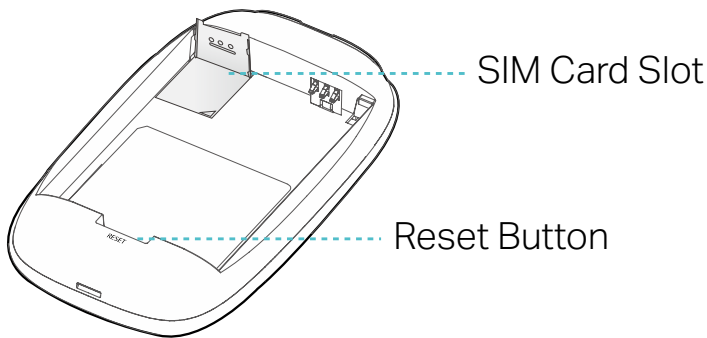
LED	Status	Indication
 (Wi-Fi)	On	Wi-Fi is enabled.
	Off	Wi-Fi is disabled.
 (Internet)	On	Internet service is available.
	Off	Internet service is unavailable.
 (Battery)	Solid Green	Mobile Wi-Fi has enough power or is fully charged.
	Blinking Red	The battery level is lower than 10%.
	Blinking Green	The Mobile Wi-Fi is charging.
	Off	Power is off.

Note:
The LEDs will turn off automatically after idling for 30 seconds. To check the LED status, press the Power button to turn them on again.

Item Explanation

Item	Description
Power Button	• Press and hold to power on/off the Mobile Wi-Fi. • Press to turn on LEDs if they are off after idling.
Micro USB Port	Plug in the USB cable to this port to charge your Mobile Wi-Fi.

1.2.2. The Interior



Item Explanation

Item	Description
SIM Card Slot	Insert a micro SIM card into the slot. A nano SIM card must be converted using a SIM card adapter.
Reset Button	With the Mobile Wi-Fi powered on, use a pin to press and hold this button until all LEDs turn on momentarily to reset the Mobile Wi-Fi.

Note:

1. The label is under the battery pack.
2. Resetting the device to its factory defaults will clear all previous configuration.

Chapter 2

Set Up Internet Connection

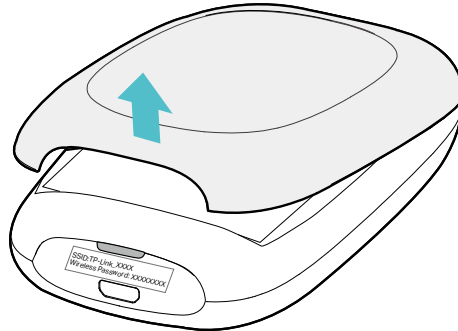
This chapter introduces how to install the Mobile Wi-Fi and connect your wireless or smart devices to the internet.

It includes the following sections:

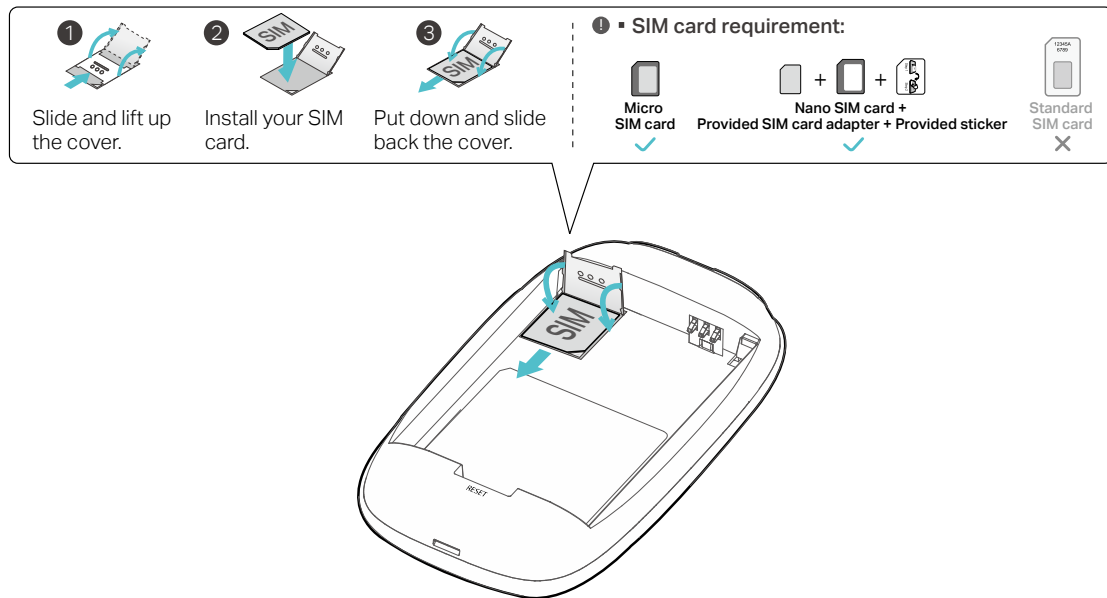
- [Install the Mobile Wi-Fi](#)
- [Connect to the Internet](#)

2. 1. Install the Mobile Wi-Fi

1. Remove the back cover.



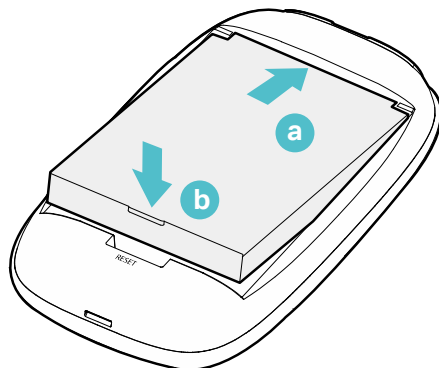
2. Insert your SIM card.



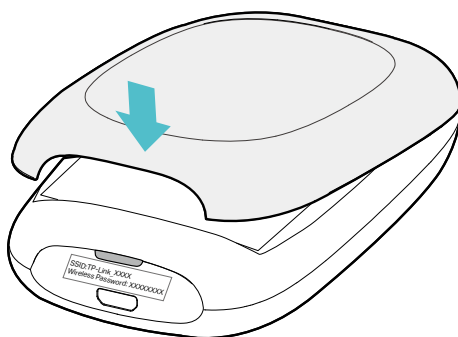
Note:

- A nano SIM card must be converted using a SIM card adapter.
- The SIM card is not provided by TP-Link.

3. Install the provided battery.

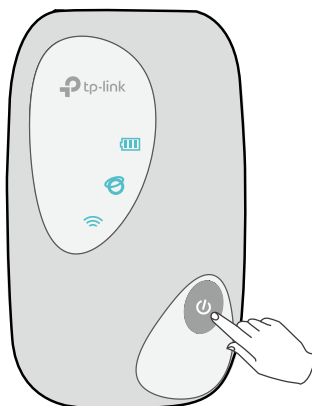


4. Replace the cover.



2. 2. Connect to the Internet

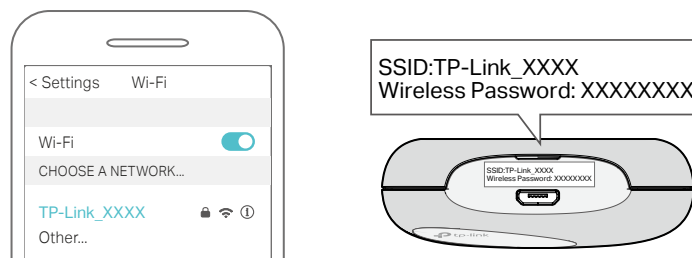
1. Press and hold the Power button until all LEDs are lit. Wait until the Internet LED  turns solid green.



Note:

- To power off, press and hold the Power button until all the LEDs are off.
- If the Internet LED doesn't light up, refer to [FAQ > Q2](#).

2. Connect your wireless device to the Mobile Wi-Fi using the SSID and the Wireless Password on the SSID label.



Note:

1. If you use a computer to connect to the Mobile Wi-Fi, set it to obtain an IP address automatically.
2. You can also find the default SSID and Wireless Password on the product label under the battery.

3. Now you can enjoy the internet!



Note: By default, Power Saving feature is enabled and the Mobile Wi-Fi will turn off the Wi-Fi when no wireless devices are connected to it for 10 minutes. To resume the Wi-Fi connection, press the Power button.

Chapter 3

Log In

This chapter introduces how to log in to the web management page. Demonstrations in this guide use the tpMiFi app interfaces, while some use the PC ones as those functions are only available on the PC web management page.

Before login, make sure your device is connected to the Mobile Wi-Fi's SSID.

This chapter includes the following sections:

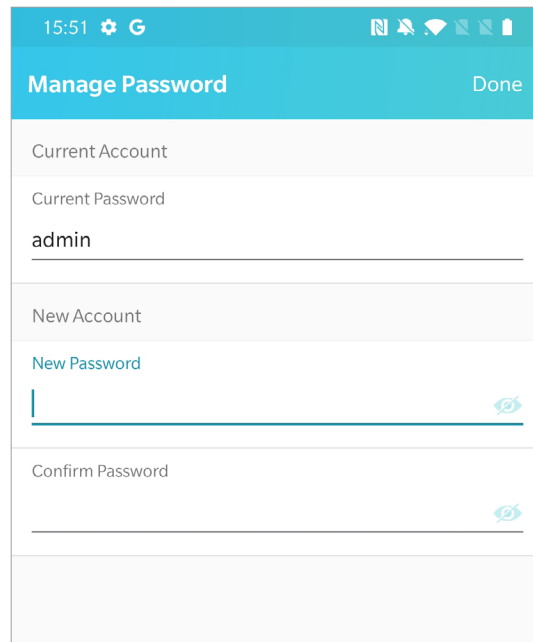
- [Via tpMiFi App](#)
- [Via PC Login Entry](#)

3. 1. Via tpMiFi App

1. Search "tpMiFi" at the App Store or Google Play or simply scan the QR code to download the tpMifi app.



2. Connect your device to the Mobile Wi-Fi.
3. Launch the tpMiFi app, and create a password to log into the device.

A screenshot of a mobile application interface titled "Manage Password". The screen has a light blue header bar with the title "Manage Password" on the left and a "Done" button on the right. Below the header, there are three main sections: "Current Account", "Current Password", and "New Account". The "Current Password" section shows the text "admin" in a text field. The "New Account" section has a "New Password" label above a text field with a blue underline and a blue eye icon to its right. Below that is a "Confirm Password" label above another text field with a blue eye icon to its right. The bottom of the screen is a light gray area.

3. 2. Via PC Login Entry

On the PC web management interfaces, you can enjoy more features, such as DHCP settings.

On your computer or tablet, visit <http://tplinkmifi.net>, and create a password to log in.

 tp-link | 

Create Login Password

For security, please create a login password for management.

 New Password 

Low

Middle

High

- Must contain no space

- Must contain 6-32 characters

- Must include at least 2 types of characters: letters, numbers and symbols

 Confirm Password 

Let's Get Started

Available on the
App Store

Android app on
Google play

Download tpMiFi



Chapter 4

Manage Your Data Usage

This chapter explains how to manage the data usage of your Mobile Wi-Fi. It includes the following sections:

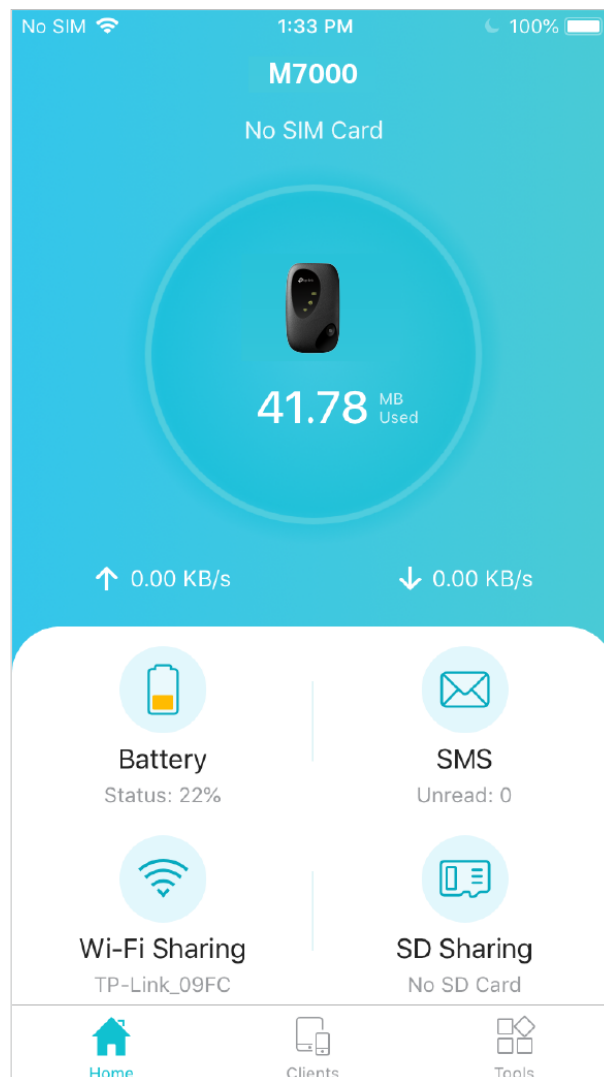
- [Track Data Usage](#)
- [Limit Data Usage](#)
- [Set Up Free Data Period](#)
- [Enable Mobile Data](#)
- [Enable Data Roaming](#)

4. 1. Track Data Usage

This feature allows you to monitor the amount of data you have used on your Mobile Wi-Fi and revise the displayed data usage as needed.

4. 1. 1. Check Data Usage on the tpMiFi App

1. Open your tpMiFi app and log in with the password you set.
2. Go to the [Home](#) Page and you can see the data usage shown on the upper part.



Or go to [Tools](#) > [Data Usage Settings](#), and you can view the data usage as shown below.

Data Usage Settings	
Data Usage Type	Total
Total Used	72.00MB
Total Data Usage Limit	☐
Free Data Period	On
Clear Statistics	

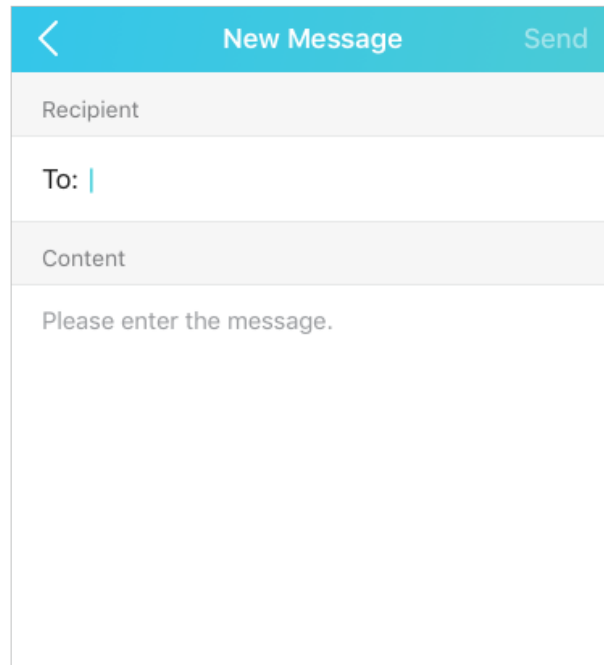
Note:

1. Actual data usage may vary from the estimated data usage displayed on the usage meter.
2. The page above displays the monthly data usage if you have enabled Monthly Data Statistics.

4. 1. 2. Check Data Usage via SMS

Your mobile carrier can provide more accurate data usage information. To obtain it, you can send messages to your mobile carrier.

1. Open your tpMiFi app and log in with the password you set.
2. Go to **Tools > SMS** and tap **New Message**.
3. Create a message to your carrier and then tap **Send** to send it. And a few minutes later, you will receive a message of data usage information. For the phone number and message content, check from your carrier.

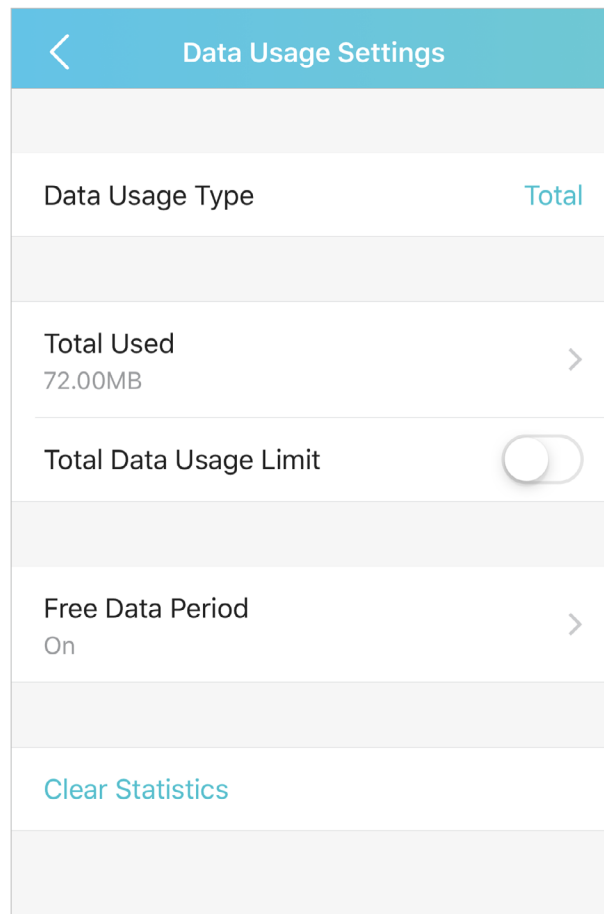


The screenshot shows a mobile application interface for sending a new message. At the top is a teal header bar with a back arrow on the left, the text "New Message" in the center, and a "Send" button on the right. Below the header, the form is divided into sections. The first section is labeled "Recipient" and contains a "To:" label followed by a vertical cursor. The second section is labeled "Content" and contains the placeholder text "Please enter the message." followed by a large empty text area.

4. 1. 3. **Revise Data Usage**

If the data usage displayed is not accurate, you can modify it as needed.

1. Open your tpMiFi app and log in with the password you set.
2. Go to **Tools > Data Usage Settings**.



< Data Usage Settings

Data Usage Type Total

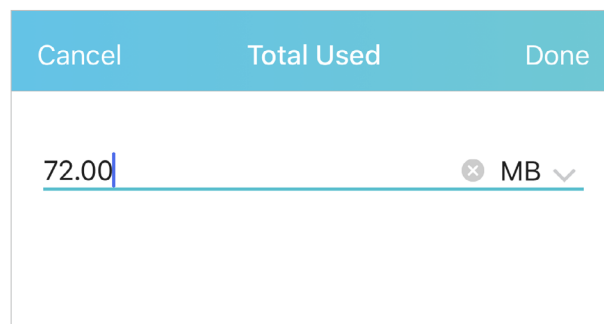
Total Used
72.00MB >

Total Data Usage Limit ☐

Free Data Period
On >

Clear Statistics

3. The figure below displays the current data usage. Tap the **Total Used** field, and enter an accurate value for the data usage.



Cancel Total Used Done

72.00 x MB ▾

4. Tap **Done**.

■ Note:

1. You can obtain the exact data usage from your carrier. Please refer to [Check Data Usage via SMS](#).
2. The page above displays the monthly data usage if you have enabled Monthly Data Statistics.

4.2. Limit Data Usage

This feature allows you to establish data limits for different data packages so that you can better control your data usage.

4. 2. 1. Limit Data Package

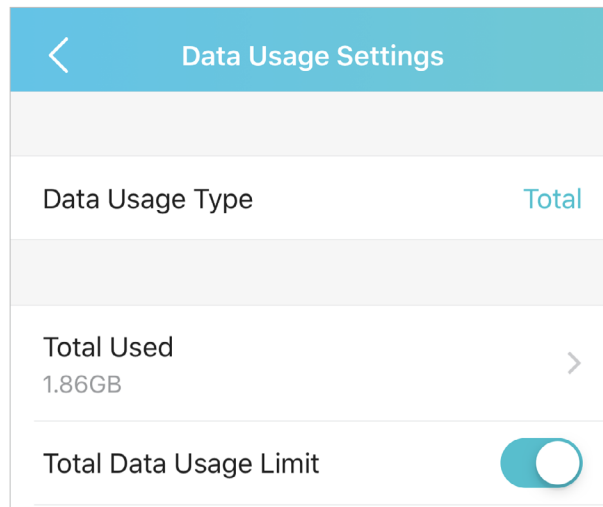
I want to:

Limit my data usage so that I will not exceed my data package (2GB). I wish to:

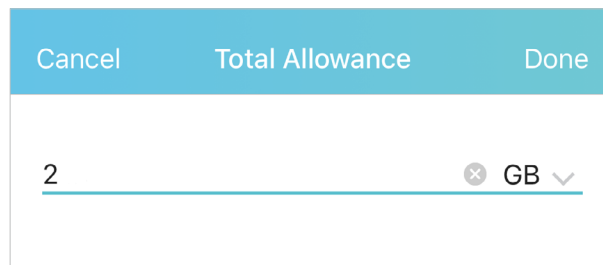
1. Receive an alert when the data usage reaches 90% of the allowance (1.8GB);
2. Disable the internet access automatically when it reaches the allowance (2GB).

How can I do that ?

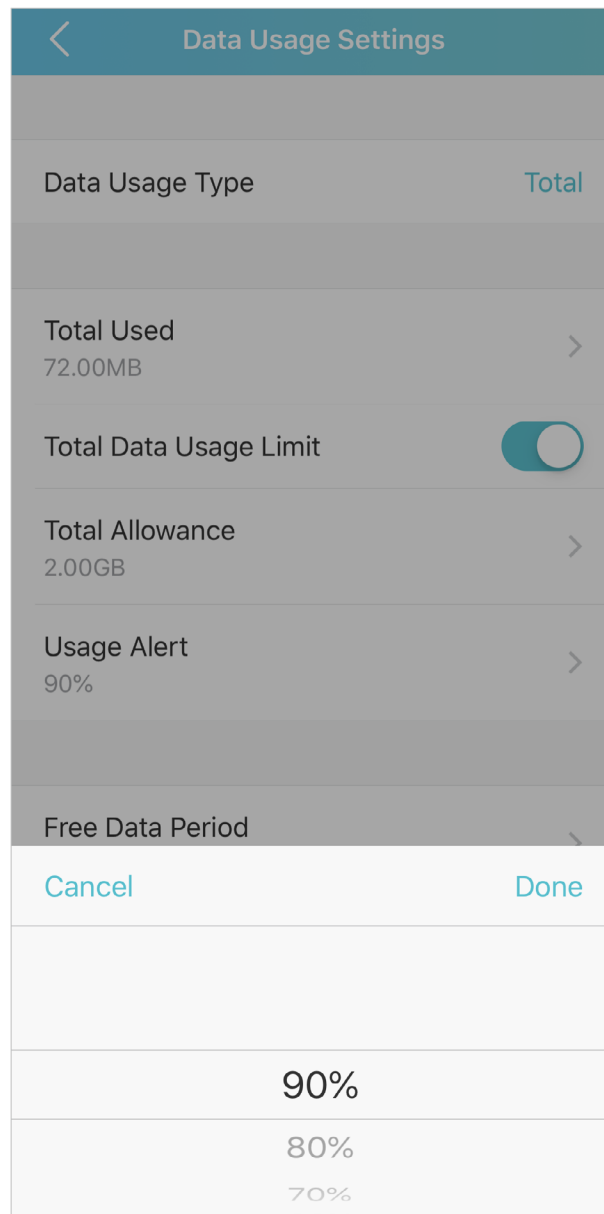
1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Data Usage Settings](#).
3. Enable [Total Data Usage Limit](#).



4. Enter 2 in [Total Allowance](#) field and specify [GB](#) as the unit of measure. If your data usage has reached the allowance, the internet access will be disabled automatically and the data usage value on the [Home](#) page will turn red.



5. Set 90% as the [Usage Alert](#). If your data usage has reached the alert value, the data usage value on the [Home](#) page will turn yellow.



6. Tap **Done**.

Done!

Now your data usage is limited according to your settings.

4. 2. 2. Limit Monthly Data Usage

I want to:

Limit my data usage so that I will not exceed my monthly data package (800MB).

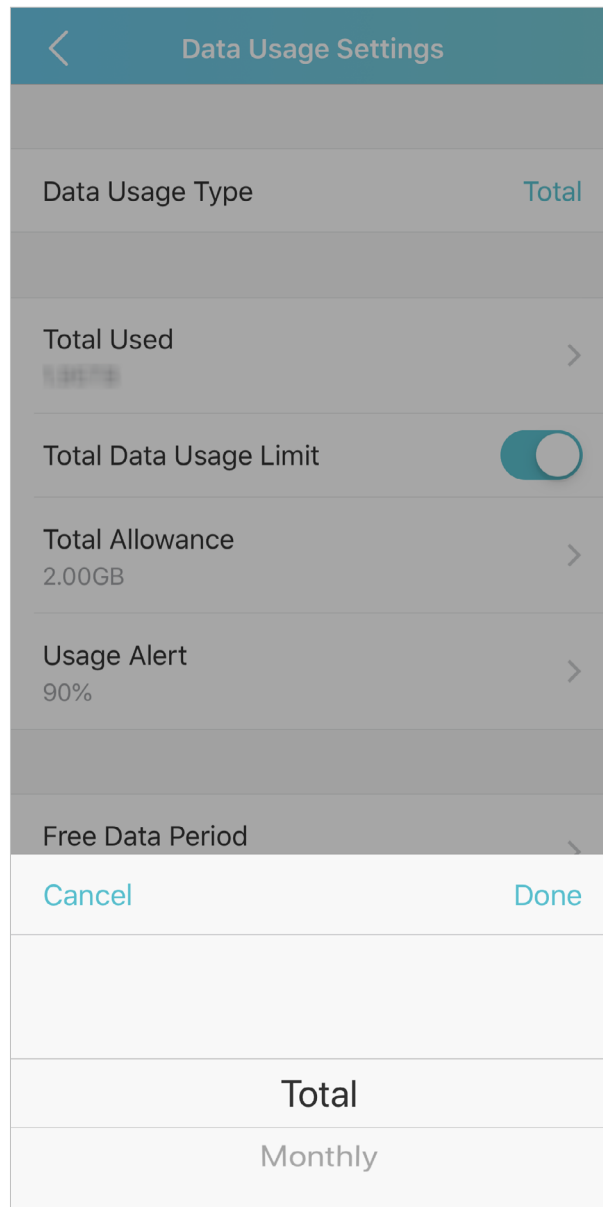
I wish to:

1. Receive an alert when the data usage reaches 90% of the allowance (720MB).

2. Disable the internet access automatically when it reaches the allowance (800MB).

How can I do that?

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Data Usage Settings](#).
3. Set the [Data Usage Type](#) as [Monthly](#).



4. Enable [Monthly Data Usage Limit](#).
5. Enter 800 in [Monthly Allowance](#) field and specify [MB](#) as the unit of measure.
If your data usage has reached the allowance, the internet access will be

disabled automatically and the data usage value on the [Status](#) page will turn red.

6. Set 90% as the [Usage Alert](#) percentage. If your data usage has reached the alert value, the data usage value on the [Home](#) page will turn yellow.

7. Enter the [Start Date](#).

■ Note:

The monthly data usage statistics will be cleared and recounted from the date you have set every month.

Data Usage Settings	
Data Usage Type	Monthly
Used this Month	1.38 GB >
Start Date	1
Monthly Data Usage Limit	☒
Monthly Allowance	800.00MB >
Usage Alert	90% >
Free Data Period	On >
Clear Statistics	

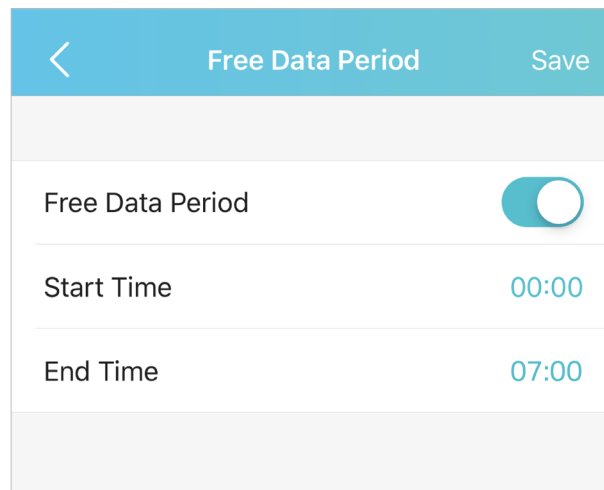
Done!

Now your data usage is limited according to your settings.

4.3. Set Up Free Data Period

In the free data period, you will not be charged for data by the mobile carrier. If your carrier has provided this data service to you, you can specify the free data period during, so the data usage will not be counted for data alert and limitation.

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Data Usage Settings](#) and tap [Free Data Period](#) for setting.
3. Enable [Free Data Period](#).
4. Enter the [Start Time](#) and [End Time](#) of Free Data Period.



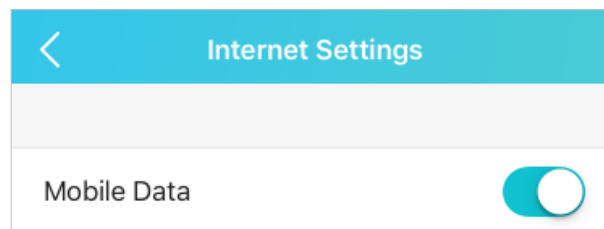
Free Data Period	
Free Data Period	☒
Start Time	00:00
End Time	07:00

5. Tap [Save](#).

4.4. Enable Mobile Data

With Mobile Data (also known as cellular data) enabled, devices connected to the Mobile Wi-Fi can access the internet. This feature is enabled by default.

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#).
3. Enable [Mobile Data](#).



Internet Settings	
Mobile Data	☒

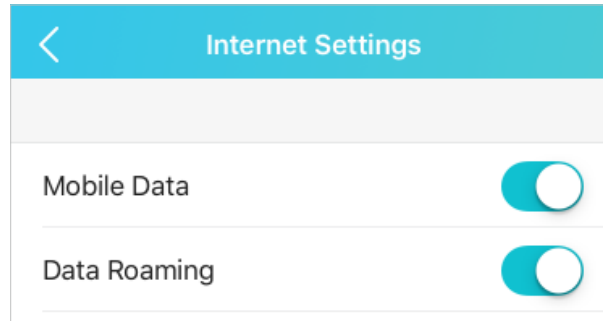
Note:

Mobile Data is enabled by default. If disabled, internet access is prohibited.

4.5. Enable Data Roaming

If you are out of your carrier's service area, you cannot access the internet, and you will need to enable data roaming to access the internet.

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#).
3. Enable [Data Roaming](#).



Note:

Data Roaming is disabled by default. If enabled, data service is allowed when roaming.

Chapter 5

Secure Your Network

This chapter explains how to secure your network in various ways. You can change the SSID, manage the blacklist and lock your SIM card to safeguard your network.

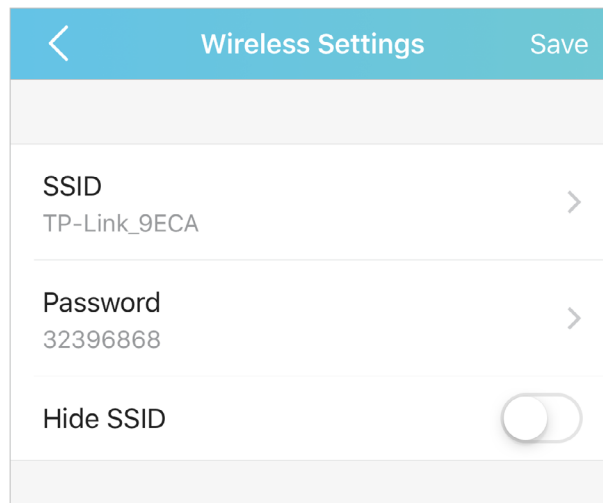
It includes the following sections:

- [Secure Wireless Network](#)
- [Block Unwelcome Devices](#)
- [Lock SIM Card](#)

5.1. Secure Wireless Network

The SSID (wireless network name), wireless password of the Mobile Wi-Fi and security options are preset as default. The default SSID and password can be found inside the back cover of your Mobile Wi-Fi. You can customize the wireless settings as needed.

1. Open your tpMiFi app and log in with the password you set.
2. Go to **Tools > Wireless Settings**.

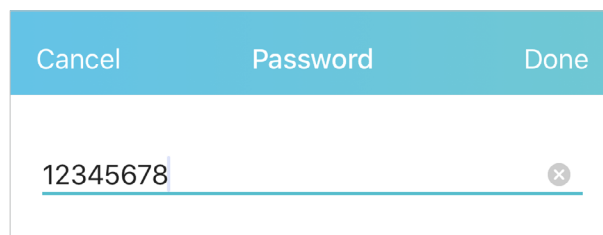


- To change the SSID and wireless password:

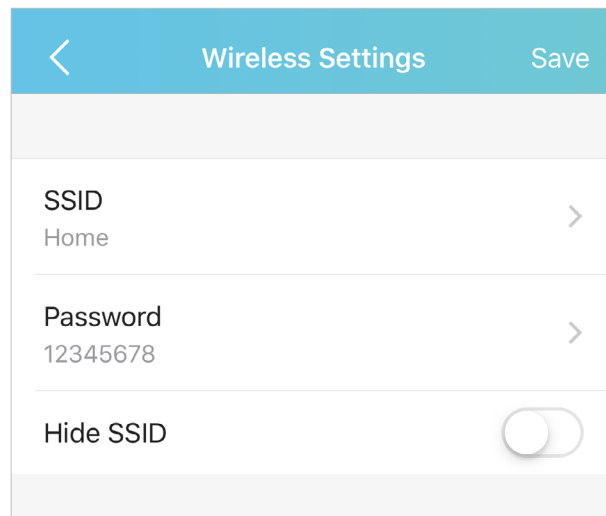
1. Tap **SSID** and enter a new one. Tap **Done**.



2. Tap **Password** and enter a new one. Tap **Done**.

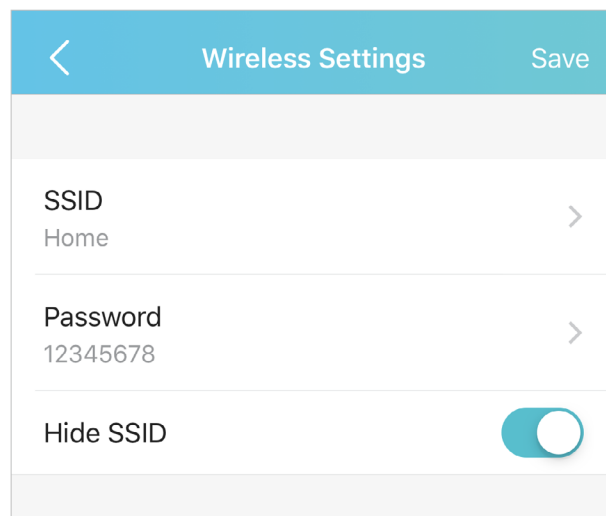


3. Tap **Save** to save the settings. You can see the new SSID and Password now.



- **To hide the SSID:**

1. Toggle on **Hide SSID**, so the SSID will not be displayed when you scan for wireless networks.



2. Tap **Save**.

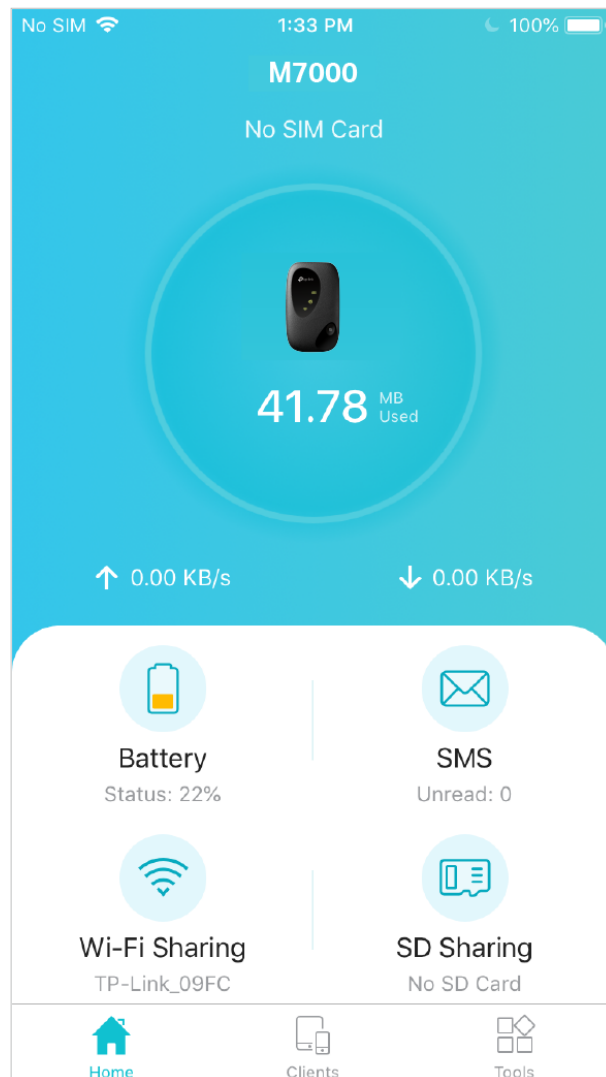
■ **Note:**

If the SSID is hidden, it will not be displayed on your wireless device when you scan for local wireless networks. And you need to manually enter the SSID to join the network.

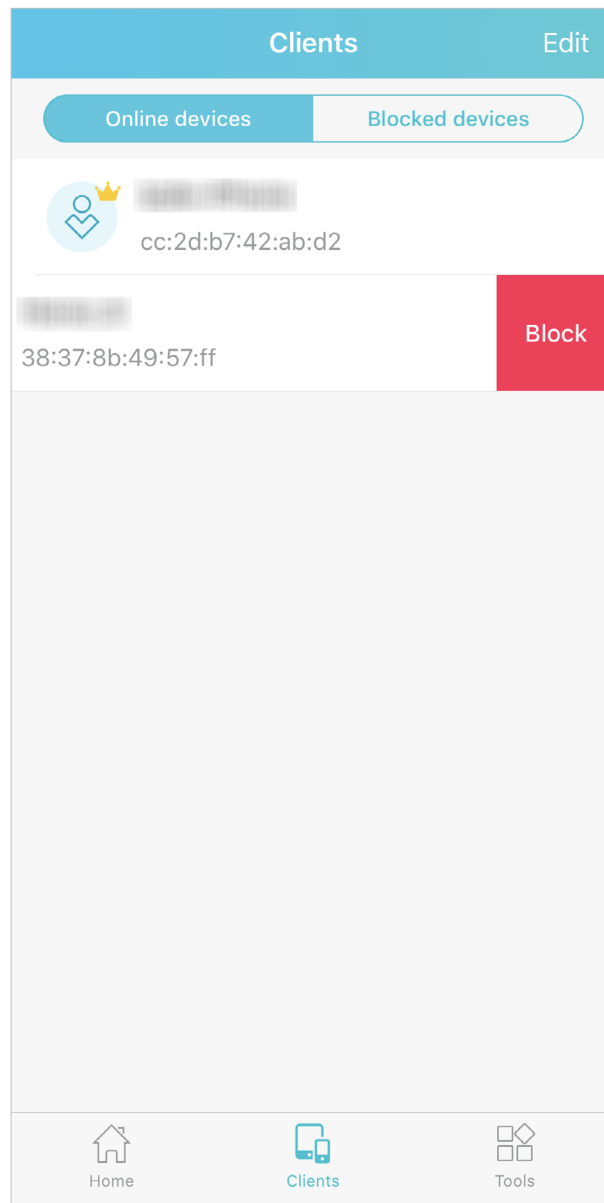
5.2. Block Unwelcome Devices

This feature allows you to restrict unwelcome devices to accessing the wireless network of your Mobile Wi-Fi.

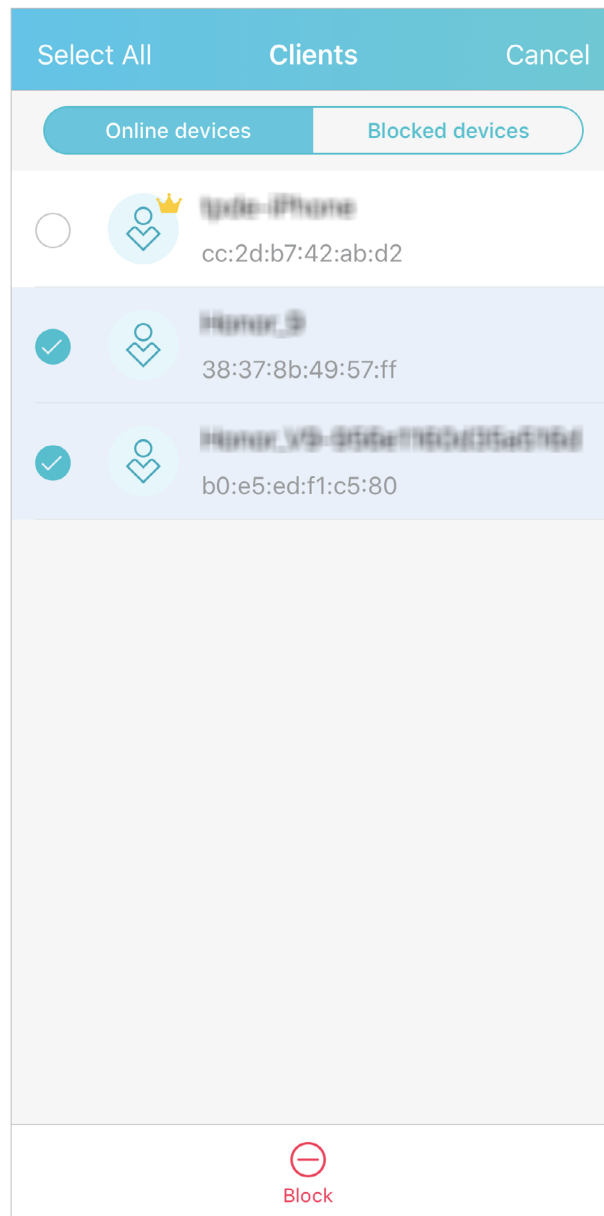
1. Open your tpMiFi app and log in with the password you set.



2. Go to [Clients](#).
3. Select the device that you want to block from the [Online Devices](#) list, slide left and tap [Block](#).



4. If you want to block many devices at a time, click **Edit** on the right corner and select the devices you want to block. Tap **Block** at the bottom.



5. You can check the blocked devices on the [Blocked Devices](#) list.

Note:

The current device cannot be blocked.

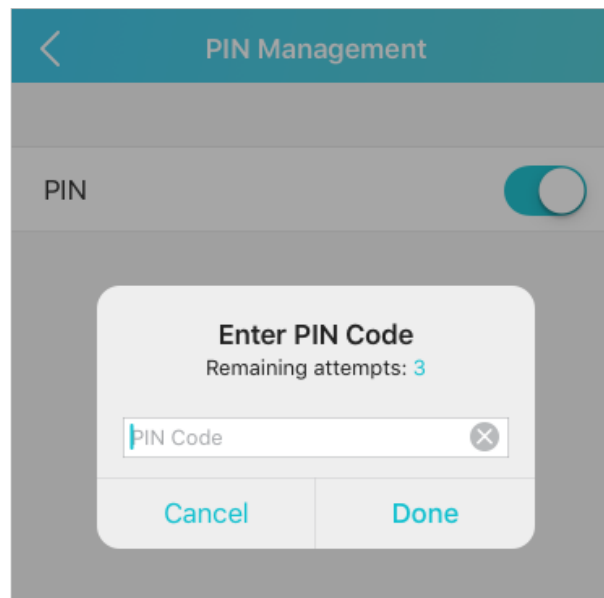
5.3. Lock SIM Card

This feature allows you to lock your SIM card with the [PIN](#) lock. Once the [PIN](#) lock is enabled, every time you start your Mobile Wi-Fi or another device (such as a smartphone or tablet) with this SIM card inserted, you need to enter the PIN code to access the internet.

If you don't wish to enter the PIN code when using this SIM card on your Mobile Wi-Fi, you can enable the [Auto-Unlock PIN](#) function. You will still have to enter the PIN code after inserting the SIM card to another device (such as a smartphone or tablet), however.

- **To enable the PIN lock:**

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#) > [PIN Management](#) and enable [PIN](#).
3. Enter the PIN code of your SIM card.



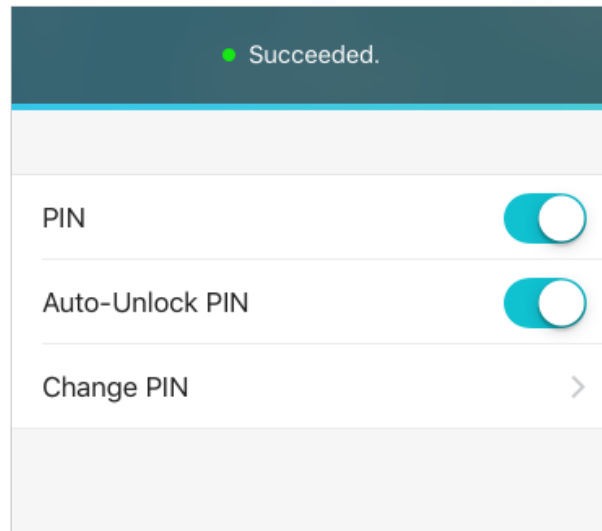
4. Tap [Done](#).
5. Open your tpMiFi app and enter the PIN code to access the internet every time you start your Mobile Wi-Fi.

■ **Note:**

1. The PIN code of your SIM card is preset by your carrier and usually can be found on the package of the SIM card.
2. After 3 failed verification attempts the SIM will be locked, and you will need to enter the PUK code to unlock it. The PUK code can usually be found on the package of the SIM card, too.

- **To enable Auto-Unlock PIN:**

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#) > [PIN Management](#) and enable [PIN](#).
3. Enable [Auto-Unlock PIN](#).



4. Once enabled, you can save the trouble of entering the PIN code on your Mobile Wi-Fi upon power-on.

- To reset PIN code:

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#) > [PIN Management](#) and enable [PIN](#).
3. Tap [Change PIN](#).
4. Enter the current PIN code and then enter a new PIN code twice.

A screenshot of a "Change PIN" dialog box. The top bar is teal with three buttons: "Cancel", "Change PIN", and "Done". The main area is white and contains three input fields labeled "Current PIN", "New PIN", and "Confirm PIN". Below these fields, it says "Remaining attempts: 3".

5. Tap [Done](#).

6. Use the new PIN code for future PIN verifications.

Chapter 6

Customize Your Network

This chapter guides you on how to configure network settings of your Mobile Wi-Fi.

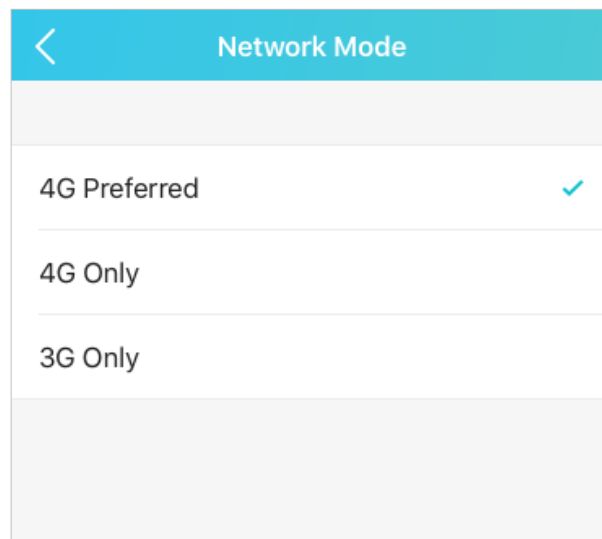
It contains the following sections:

- [Specify Network Mode](#)
- [Configure APN](#)
- [Configure DHCP Server](#)

6.1. Specify Network Mode

This Mobile Wi-Fi supports three modes of network connection: 4G Preferred, 4G Only and 3G Only. If your SIM card supports WCDMA, select 3G Only; if your SIM card supports FDD-LTE or TDD-LTE, select 4G Preferred or 4G Only as needed. In general, the 4G network is faster than the 3G one.

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#) > [Network Mode](#).
3. Select [4G Preferred](#), [4G Only](#) or [3G Only](#) as needed.



6.2. Configure APN

6.2.1. Configure APN Settings

If you are in a location beyond your mobile carrier's service area, you may need to configure the dial-up settings to access the internet provided by a local mobile carrier.

1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Internet Settings](#) > [APN Management](#).
3. Tap  to build an APN profile.
4. Specify a name for the profile and fill in the parameters provided by your carrier.

Cancel	Add APN	Done
Profile Name		
Profile Name1		
PDP Type		IPv6
APN Type		Static
APN		
internet		
Auth Type		NONE

5. Tap **Done**.

Note:

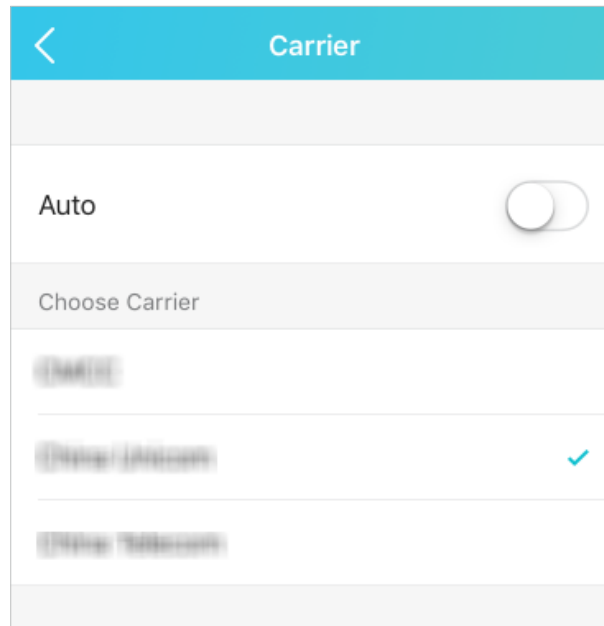
You can tap the APN name to check the current profile. If you want to edit the APN profile, slide left and tap **Edit** to change the APN profile.

6.2.2. Configure Network Search

The Mobile Wi-Fi provides two types of network connection: Auto and Manual.

- If you enable **Auto**, the Mobile Wi-Fi will automatically establish internet connection when it is started.
- If you disable **Auto**, the Mobile Wi-Fi will start searching for mobile networks. You can choose a network with better performance to connect to. The mobile carrier providing the network must be or have cooperation with your SIM card provider.

1. Open your tpMiFi app and log in with the password you set.
2. Go to **Tools** > **Internet Settings** > **Carrier**.
3. Enable or disable **Auto** as needed.



6.3. Configure DHCP Server

The Mobile Wi-Fi acts as a DHCP (Dynamic Host Configuration Protocol) server, dynamically assigning TCP/IP parameters to devices from the IP Address pool. You can change the settings of the DHCP server if necessary.

1. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Advanced > DHCP Server**.
3. Enter a new IP address in the **IP Address** field and leave the **Subnet Mask** as default. And enter the starting and ending IP addresses in the **Start** and **End IP Address** fields respectively.

■ Note:

1. The start and end IP addresses should be on the same network segment as the IP address you have entered.
2. If you have changed the IP address of your Mobile Wi-Fi, you should use the new IP address or <http://tplinkmifi.net> to log in to the web management page.

DHCP Server ?

IP Address:	192.168.0.1
Subnet Mask:	255.255.255.0
Start IP Address:	192.168.0.100
End IP Address:	192.168.0.199
Lease Time:	120 minutes (The default value is 120)
Primary DNS Server:	192.168.0.1
Secondary DNS Server:	0.0.0.0 (Optional)

Save

4. Enter the lease time in the [Lease Time](#) field. When the lease time expires, the Mobile Wi-Fi will reassign IP addresses.
5. Enter the primary DNS IP address which usually accords with the IP address.
6. Enter the secondary DNS IP address if provided by your carrier.
7. Click [Save](#).

Chapter 7

Manage Your Mobile Wi-Fi

This chapter presents how to manage and maintain your Mobile Wi-Fi.

It includes the following sections:

- [Save the Mobile Wi-Fi's Power](#)
- [Change Login Password](#)
- [Set Up System Time](#)
- [Restore Configuration Settings](#)
- [Update the Firmware](#)
- [Update ISP Parameters](#)
- [System Log](#)

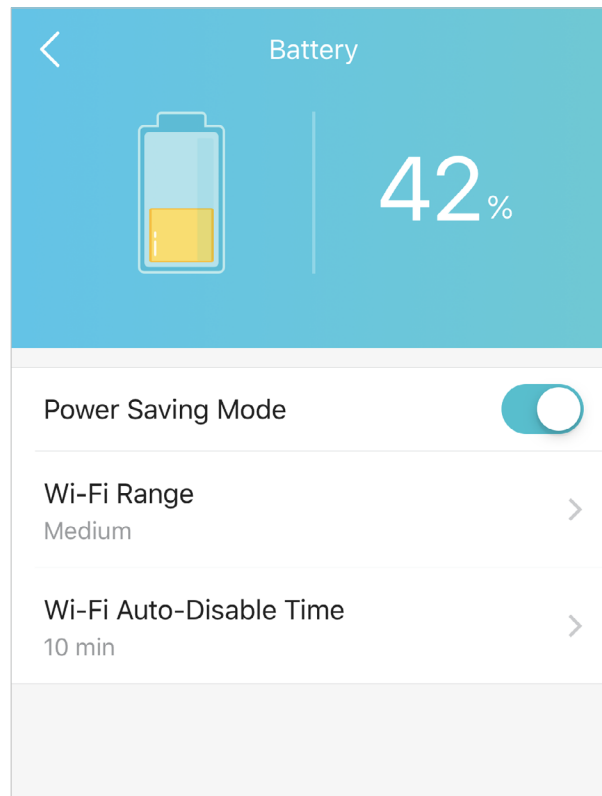
7.1. Save the Mobile Wi-Fi's Power

The Power Saving feature allows you to slow down the power consumption of your Mobile Wi-Fi, by adjusting the Wi-Fi range or enabling the Wi-Fi Auto-disable Time feature.

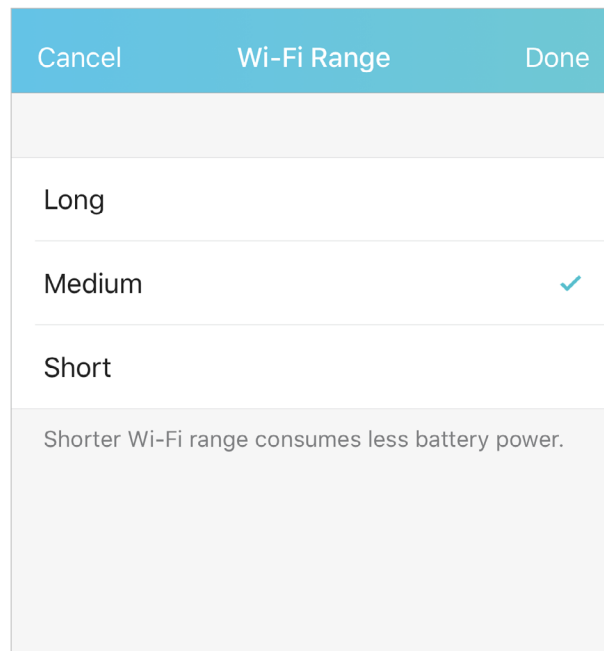
1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [Battery](#) or tap [Battery](#) on the [Home](#) page.

- **To set Wi-Fi Range:**

1. Enable [Power Saving Mode](#).



2. Tap [Wi-Fi Range](#) and select [Long](#), [Medium](#) or [Short](#).



A screenshot of the 'Wi-Fi Range' settings screen. At the top is a blue header bar with 'Cancel', 'Wi-Fi Range', and 'Done' buttons. Below the header is a list of three options: 'Long', 'Medium', and 'Short'. The 'Medium' option is selected, indicated by a blue checkmark to its right. Below the list is a light gray box containing the text: 'Shorter Wi-Fi range consumes less battery power.'

■ Note:

The shorter the Wi-Fi Range is, the less power your Mobile Wi-Fi uses.

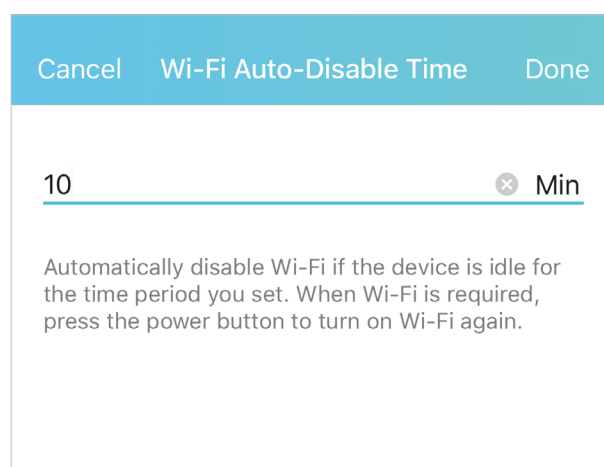
3. Tap **Done**.

4. Tap **Restart Wi-Fi** on the pop-up to make the configurations take effect, and then reconnect to the Wi-Fi after it restarts.

- **To set Wi-Fi Auto-disable Time:**

1. Enable **Power Saving Mode**.

2. Tap **Wi-Fi Auto-Disable Time** and specify the time.



A screenshot of the 'Wi-Fi Auto-Disable Time' settings screen. At the top is a blue header bar with 'Cancel', 'Wi-Fi Auto-Disable Time', and 'Done' buttons. Below the header is a text input field containing the number '10', followed by a 'Min' label with a small 'x' icon. Below the input field is a light gray box containing the text: 'Automatically disable Wi-Fi if the device is idle for the time period you set. When Wi-Fi is required, press the power button to turn on Wi-Fi again.'

3. Tap **Done**. If there are no devices connected to the Mobile Wi-Fi for the time you specified, the Wi-Fi will be disabled automatically.

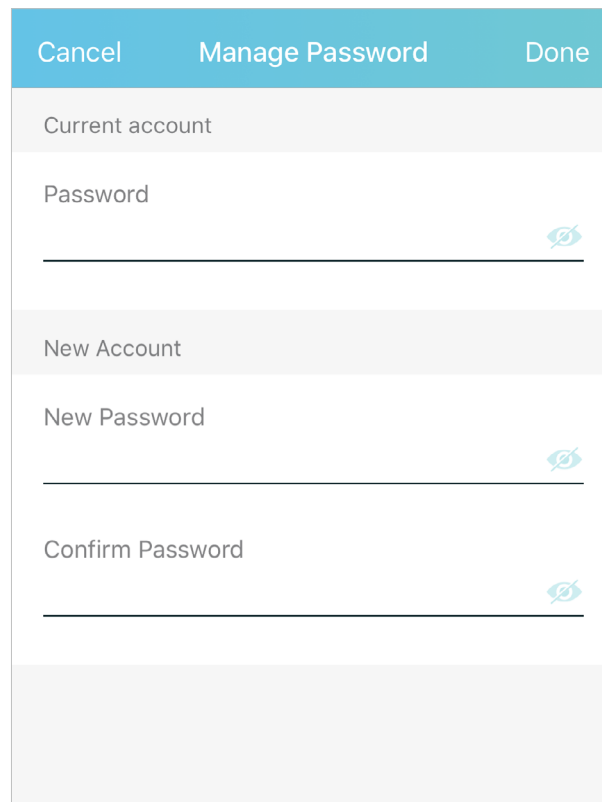
■ Note:

To resume the Wi-Fi, press the Power button.

7.2. Change Login Password

This feature allows you to change your login password of the web management page.

1. Open your tpMiFi app and log in with the password you set.
2. Go to **Tools > System Tools > Manage Password**.
3. Enter the current password. Then enter the new password twice (case-sensitive) and tap **Done**.



4. Use the new password for future logins.

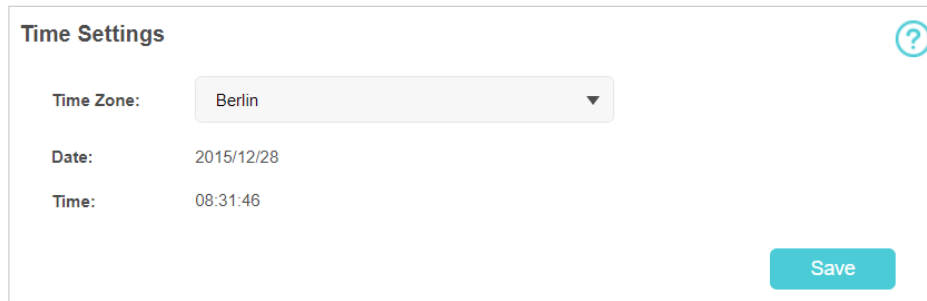
7.3. Set Up System Time

The system time you configure here will be used for time-based functions.

Note:

Make sure your Mobile Wi-Fi has access to the internet. Otherwise, it can not synchronize the current time.

1. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Advanced > Device > Time Settings**.
3. Select your local **Time Zone** from the drop-down list.



Time Settings

Time Zone: Berlin ▼

Date: 2015/12/28

Time: 08:31:46

Save

4. Save the settings.

7.4. Restore Configuration Settings

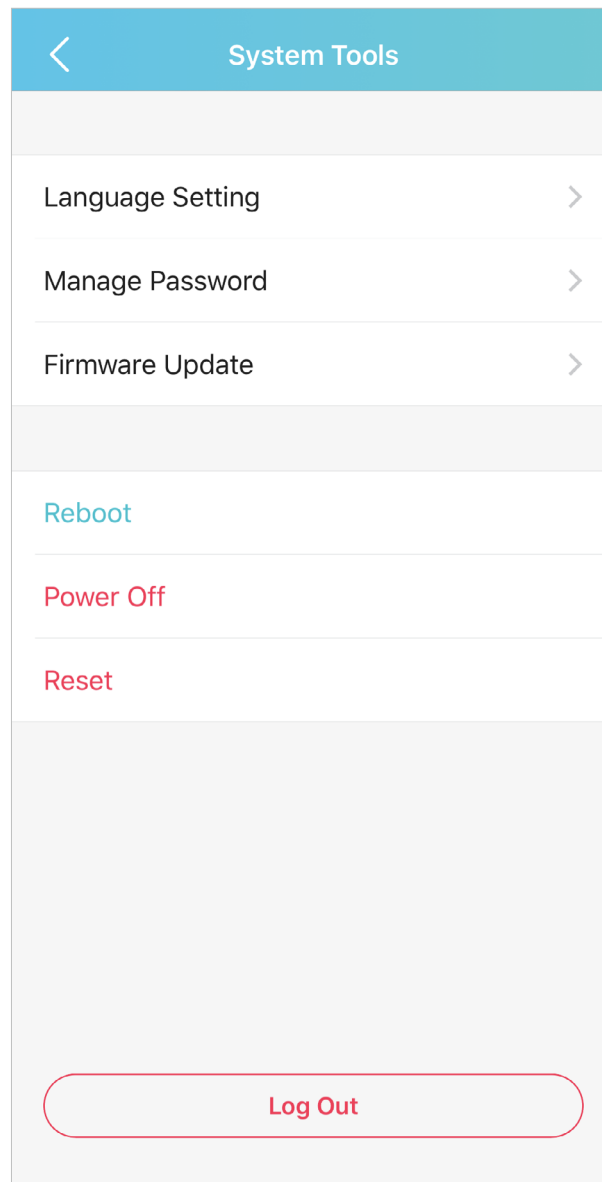
The Factory Defaults feature allows you to restore your Mobile Wi-Fi to its factory defaults. After you restore your Mobile Wi-Fi, all previous settings will be cleared and you have to reconfigure them.

Method One: Via the Reset button

With the Mobile Wi-Fi powered on, remove the cover. Use a pin to press and hold the Reset button until all LEDs turn on momentarily.

Method Two: Via the tpMiFi App

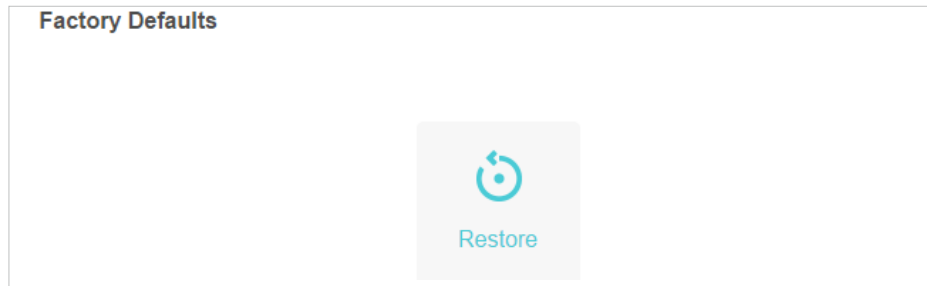
1. Open your tpMiFi app and log in with the password you set.
2. Go to [Tools](#) > [System Tools](#).
3. Tap [Reset](#).



4. Tap **Reset** on the pop-up and then wait for the Mobile Wi-Fi to reboot and reset.

Method Three: Via the web page

1. On your computer or tablet, visit <http://tplinkmifi.net> and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Advanced** > **Device** > **Factory Defaults**.
3. Click **Restore**.



4. Wait a few minutes for the restore to complete and the Mobile Wi-Fi to restart.

■ Note: During the resetting process, do not power off the Mobile Wi-Fi.

7.5. Update the Firmware

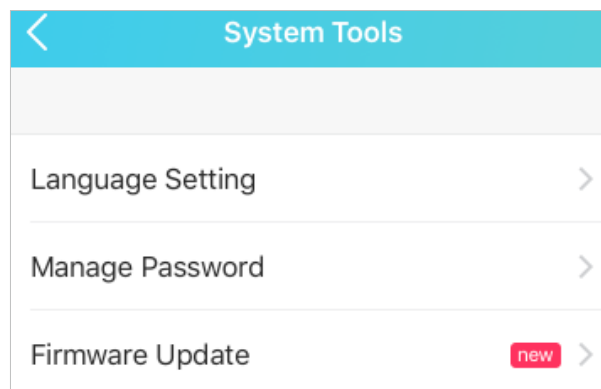
TP-Link is committed to improving product features, giving you a better network experience. We will inform you on your toMiFi app and the web management page if there's any newly released update firmware. Also, you can download it from the Support page of our website www.tp-link.com.

■ Note:

1. Make sure the latest firmware file is matched with the hardware version (as shown in the Download section of the Support page).
2. Make sure that you have a stable connection between the Mobile Wi-Fi and your computer.
3. Do NOT power off the Mobile Wi-Fi during the firmware update and make sure it has sufficient power.

- **To update the firmware via tpMiFi app**

1. Open your tpMiFi app and log in with the password you set.
2. Go to **Tools > System Tools**. If there is new in the **Firmware Update** section, it means a new firmware version is available.



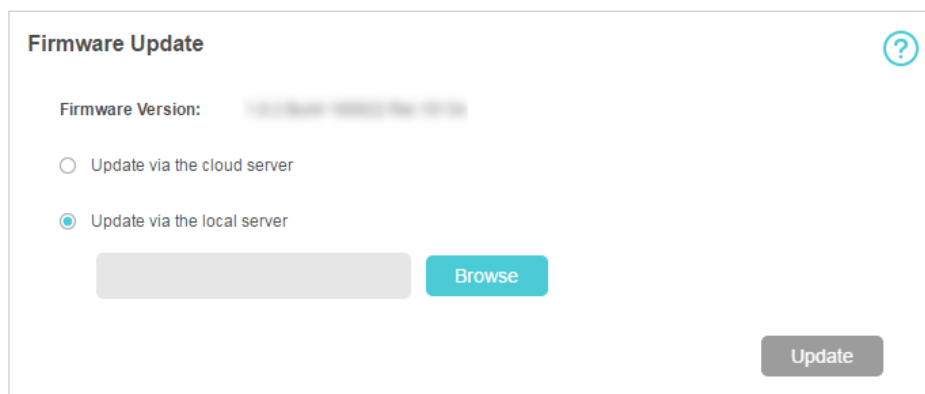
3. Tap **Firmware Update** and the Mobile WiFi will start checking for new firmware.

4. Click **Update Now**.

5. Wait a few minutes for the update to complete and the Mobile Wi-Fi to restart.

- **To update the firmware locally via web management page:**

1. Download the latest firmware file for your Mobile Wi-Fi from our website www.tp-link.com.
2. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
3. Go to **Advanced > Device > Firmware Update**.
4. Select **Update via the local server**, click **Browse** to locate the downloaded file, and then click **Update**.

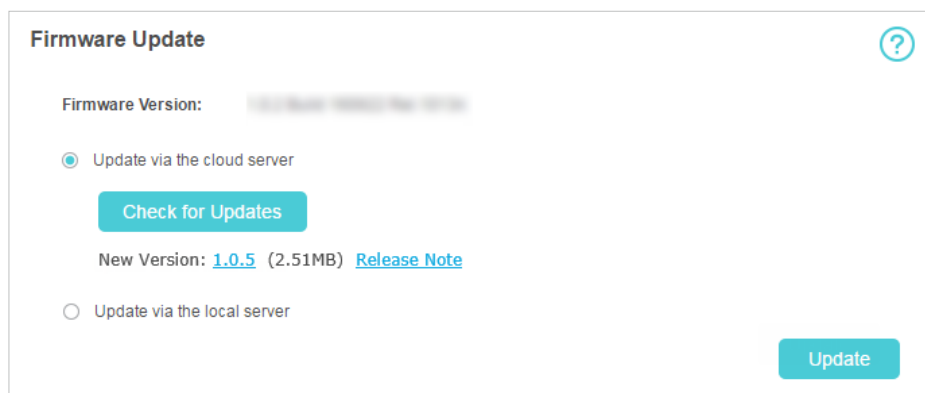


The screenshot shows the 'Firmware Update' interface. At the top, it says 'Firmware Version: 1.0.5 (2.51MB)'. Below this, there are two radio button options: 'Update via the cloud server' (unselected) and 'Update via the local server' (selected). Under the 'Update via the local server' option, there is a text input field and a 'Browse' button. At the bottom right, there is an 'Update' button.

5. Wait a few minutes for the update to complete and the mobile Wi-Fi to restart.

- **To update the firmware online via web management page:**

1. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Advanced > Device > Firmware Update**.
3. Select **Update via the cloud server**.
4. Click **Update**.



The screenshot shows the 'Firmware Update' interface. At the top, it says 'Firmware Version: 1.0.5 (2.51MB)'. Below this, there are two radio button options: 'Update via the cloud server' (selected) and 'Update via the local server' (unselected). Under the 'Update via the cloud server' option, there is a 'Check for Updates' button. Below this, it says 'New Version: 1.0.5 (2.51MB)' with a link to 'Release Note'. At the bottom right, there is an 'Update' button.

5. Wait a few minutes for the update to complete and the Mobile Wi-Fi to restart.

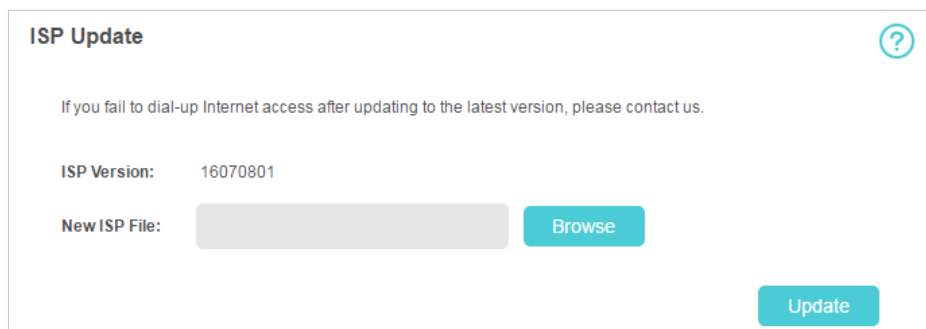
Note:

To download the latest firmware file, you can also click the New Version number, such as [1.0.5](#) in the page above. To view update details, click [Release Note](#).

7.6. Update ISP Parameters

You can update the ISP information.

1. Download the latest ISP update file from the Support page at www.tp-link.com.
2. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
3. Go to **Advanced** > **Dial-up** > **ISP Update**.
4. Click **Browse** to locate the downloaded file.
5. Click **Update**.



The screenshot shows the 'ISP Update' web interface. At the top left is the title 'ISP Update' and a help icon (question mark in a circle) at the top right. Below the title is a message: 'If you fail to dial-up Internet access after updating to the latest version, please contact us.' Underneath, there are two rows of information: 'ISP Version: 16070801' and 'New ISP File:'. The 'New ISP File' row includes a text input field and a 'Browse' button. At the bottom right of the form is an 'Update' button.

7.7. System Log

When the Mobile Wi-Fi does not work normally, you can save the system log and send it to our technical support for troubleshooting.

- **To save the system logs locally:**
 1. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
 2. Go to **Advanced** > **Device** > **System Log**.
 3. Click **Save Logs** to save the logs to your local device.

System Log

Log Type: ALL

Log Level: ALL

Refresh

Clear

ID	Time	Type	Level	Content
1	01-03 00:01:02	WLAN	INFO	DHCPS: Recv INFORM from 11-22-33-44-55-66FAXCVZDFAWFEAWFEAFVDGVDGVAWEGWE...
2	01-01 00:01:03	DHCP	NOTICE	DHCPS: Recv INFORM from 11-22-33-44-55-66
3	01-02 00:01:04	4G	WARNING	DHCPS: Recv INFORM from 11-22-33-44-55-66
4	01-01 00:01:03	SMS	ERROR	DHCPS: Recv INFORM from 11-22-33-44-55-66
5	01-02 00:01:04	SYSTEM	INFO	DHCPS: Recv INFORM from 11-22-33-44-55-66
6	01-02 00:01:04	OTHER	INFO	DHCPS: Recv INFORM from 11-22-33-44-55-66
7	01-01 00:01:03		INFO	DHCPS: Recv INFORM from 11-22-33-44-55-66
8	01-02 00:01:04	DHCP	INFO	DHCPS: Recv INFORM from 11-22-33-44-55-66

1 2 3 ... 7

Page to

GO

Save Logs

FAQ

Q1. What should I do if I forget the login password of my Mobile Wi-Fi?

- Reset your Mobile WiFi device and create a password to log into the device.

Q2. What should I do if the Internet LED doesn't light up (I cannot access the internet)?

- **Check PIN status**

Log in to the web management page. If the current SIM card status is [PIN Locked](#), you will need to unlock it using the PIN code provided by your mobile carrier.

- **Verify the mobile carrier parameters**

1) Log in to the tpMiFi app. Go to [Tools](#) > [Internet Settings](#) and tap the VPN to verify the parameters (i.e. APN, Username, and Password) provided by your mobile carrier are correctly entered.

2) If the mobile carrier parameters are not correct, return to the [Internet Settings](#) page and slide the APN profile left and tap [Edit](#) to change the settings.

- **Check the Data Roaming settings**

If your SIM card is operated in a roaming service area, log in to the tpMiFi app and go to [Tools](#) > [Internet Settings](#) and enable the [Data Roaming](#) option.

- **Check Mobile Data**

Log in to the tpMiFi app and go to [Tools](#) > [Internet Settings](#) to verify that [Mobile Data](#) is enabled. If not, enable it.

- **Check Data Limit**

Log in to the tpMiFi app and go to [Tools](#) > [Data Usage Settings](#) to check whether your data usage has exceeded the Total/Monthly allowance.

Q3. How do I reset the Mobile Wi-Fi to its factory default settings?

- With the Mobile Wi-Fi powered on, remove the cover. Use a pin to press and hold the Reset button until all LEDs turn on momentarily.
- Log in to the tpMiFi app and go to [Tools](#) > [System Tools](#) and tap [Reset](#).
- On your computer or tablet, log in to the Mobile Wi-Fi's web management page. Go to [Advanced](#) > [Device](#) > [Factory Defaults](#) and click [Restore](#).

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY(the maximum transmitted power)

2400MHz—2483.5MHz (20dBm)

WCDMA: B1/B5/B8 (24dBm+1/-3dB)

LTE: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41 (23dBm±2.7dBm)

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2011/65/EU and (EU)2015/863.

The original EU Declaration of Conformity may be found at <https://www.tp-link.com/en/ce>

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

This device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 62209-2. SAR is measured with this device at a separation of 0.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Carry this device at least 0.5 cm away from your body to ensure exposure levels remain at or below the as-tested levels.

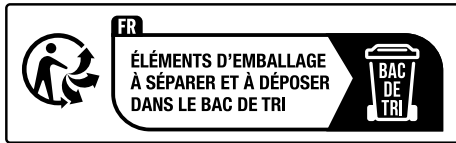
UKCA Mark



UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca>



Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice

注意！

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

減少電磁波影響，請妥適使用。

BSMI Notice

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

限用物質含有情況標示聲明書

設備名稱：4G LTE Mobile Wi-Fi Equipment name				型號（型式）：M7000 Type designation (Type)		
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)

PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
锂电池	○	○	○	○	○	○
其他及其配件	—	○	○	○	○	○

備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值
Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.
備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。
Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.
備考3. “—” 係指該項限用物質為排除項目。
Note 3: The “—” indicates that the restricted substance corresponds to the exemption.



Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use any other chargers than those recommended
- Do not use the device where wireless devices are not allowed.

CAUTION!

- Avoid replacement of a battery with an incorrect type that can defeat a safeguard.
- Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas. Do not leave a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

CAUTION!

- Danger of fire due to removal of the back cover.
- To install accessories, remove the housing as indicated in section 1 of the Quick Installation Guide.
- The back cover must be restored after the accessories are installed.

CAUTION!

Risk of explosion if the battery is replaced by an incorrect type.

- Operating Temperature: 0°C ~ 35°C (32°F ~ 95°F)
- This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.

Warnings

- Operating Temperature: 0°C ~ 35°C (32°F ~ 95°F)
- Operating Humidity: 0~75%RH, Non-condensing

Handling Instructions for Lithium Ion Rechargeable Battery

Please read and follow the handling instructions for the battery before use. Improper use of the battery may cause heat, fire explosion, damage or capacity deterioration of the battery.

- Do not place or leave the battery and equipment in the reach of infants so that they are not able to swallow or mistreat the battery by mistake.

In case of ingestion, consult with a doctor immediately.

- Do not let leaked electrolyte come into contact with eyes or skin.

In such a case, immediately wash the area of contact with clean water and seek help from a doctor.

If not treated soon, prolonged contact may cause serious injury.

- Do not put the battery into a fire. Do not use it or leave it in a place near fire, heaters, or high temperature sources.

In such a case, the insulator in the battery may be melted, the safety vent and structure may be damaged, or the electrolyte may catch fire, all of which may cause heat generation, explosion, or fire.

- Do not submerge the battery in water, or wet the battery.

If the protecting device assembled in the battery is damaged, the battery may be charged with an abnormal current and voltage and may cause a chemical reaction within the battery, which may result in the cause of heat generation, explosion, or fire of the battery.

- Do not use any battery charger not specified by the manufacture, also follow the charge conditions specified by the manufacture.

If the battery is charged under other conditions (a high temperature, a high voltage / current, or an altered charger) not specified by the manufacture, the battery may become over-charged with an excessive current and cause heat, explosion, or fire with abnormal chemical reactions.

- Do not use, charge, or leave the battery near fire or in a car under the blazing sun. Such a high temperature may cause damage of the protecting device in the battery, which may result in an abnormal reaction, and then heat generation, explosion, or fire.

- Do not connect the battery reversed in positive (+) and negative (-) terminals in the charger or equipment.

In case the battery is connected and charged reversely, it may cause heat generation, explosion, or fire due to an abnormal chemical reaction.

- Do not let the battery terminals (+ and -) contact a wire or any metal (like a metal necklace or a hairpin) with which it carried or stored together.

In such a case, the battery will be shorted and cause an excessive current, which may result in heat generation, explosion, or fire.

- Do not connect the battery directly to an electric outlet or cigarette heater socket in car.

With a high voltage applied, the battery may overheat, explode, or cause fire.

- Do not throw or drop the battery.

Strong impact may damage the protecting device, which may cause an abnormal chemical reaction during charging and result in heat generation, explosion, or fire of the battery.

- Do not drive a nail in, hit with a hammer, or stamp on the battery.

In such a case, the battery may be deformed and shorted, which may cause heat generation, explosion, or fire of the battery.

- Do not solder the battery directly.

Heat applied during soldering may damage the insulator of the safety vent and mechanism, which may result in heat generation, explosion, or fire of the battery.

- Do not disassemble or alter the battery.

The battery employs a safety mechanism and a protecting device in order to avoid any danger. If these are damaged, heat, explosion or fire may be caused.

CAUTION

- Do not put the battery in a microwave or a pressure cooker.

Sudden heat may damage the seal of the battery and may cause heat generation, explosion, or fire of the battery.

- Do not use the battery with other maker's batteries, different types and / or models of batteries such as dry batteries, nickel-metal hydride batteries, or nickel-cadmium batteries, or new and old lithium ion batteries together.

In such a case, over-discharge during use, or over-charge during charge may occur abnormal chemical reactions and may cause heat generation, explosion, or fire of the battery.

- Do not leave the battery in a charger or equipment if it generates an odor and /or heat, changes color and / or shape, leaks electrolyte, or causes any other abnormality.

In such a case, immediately take the battery out of the charge or equipment and keep it away from fire, otherwise, the battery might overheat, explode, or cause fire.

- Discontinue charging after specified charging time even if the charge is not complete, otherwise, the battery might cause heat generation, explosion, or fire.

- Do not use the battery in the place where the static electricity (more than the limit of the manufacturer's guarantee) occurs. Otherwise, the protecting device in the battery might be damaged and cause heat generation, explosion, or fire.

- Do not use the battery in other than the following conditions; otherwise, the battery might cause heat generation, damage, or deterioration of its performance.

Operating environment:

When the battery is charged: 0°C ~ +45°C (Humidity < 80%)

When stored 1 months: -20°C ~ +50°C (Humidity < 80%)

When stored 3 months: -20°C ~ +45°C (Humidity < 80%)

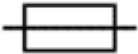
When stored 1 year: -20°C ~ +20°C (Humidity < 80%)

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

Explanations of the symbols on the product label

Note: Symbols may vary from products.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	Direct current
	Polarity of d.c. power connector
	For indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual

	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
 	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
m	Switch of mini-gap construction
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US)
ε	Switch without contact gap (Semiconductor switching device)