



User Guide

4G LTE Mobile Wi-Fi
M7310

Contents

About This Guide	1
 Chapter 1. Get to Know About Your Mobile Wi-Fi.....	1
1. 1. Product Overview.....	3
1. 2. Physical Description.....	2
1. 2. 1.The Exterior.....	2
1. 2. 2.The Interior	4
 Chapter 2. Set Up Internet Connection	7
2. 1. Install the Hardware.....	8
2. 1. 1.Installation	8
2. 1. 2.Power On	9
2. 2. Connect to the Mobile Wi-Fi	10
 Chapter 3. Login	16
3. 1. Via Phone Login Entry	17
3. 2. Via PC Login Entry	17
3. 3. Via tpMiFi App	18
 Chapter 4. Manage Your Data Usage	20
4. 1. Track Data Usage	21
4. 1. 1.Check Data Usage on Screen.....	21
4. 1. 2.Check Data Usage on the Web Management Page.....	21
4. 1. 3.Check Data Usage via SMS.....	22
4. 1. 4.Revise Data Usage	23
4. 2. Limit Data Usage	24
4. 2. 1.Limit Data Package.....	24
4. 2. 2.Limit Monthly Data Usage	25
4. 3. Setup Free Data Period	26
4. 4. Enable Mobile Data	27
4. 5. Enable Data Roaming	27
 Chapter 5. Secure Your Network	28
5. 1. Secure Wireless Network	29
5. 2. Block Unwelcome Devices.....	30

5. 3.	Lock SIM Card	31
-------	---------------------	----

Chapter 6. Share Files on SD Card..... 34

6. 1.	Access via Wi-Fi Mode	35
6. 2.	Access via USB Mode	40

Chapter 7. Customize Your Network..... 43

7. 1.	Specify Network Mode	44
7. 2.	Specify Network Band	45
7. 3.	Set Network Expansion	47
7. 4.	Configure Dial-up	49
	7. 4. 1.Configure Dial-up Settings	49
	7. 4. 2.Configure Network Search	50
7. 5.	Configure DHCP Server	50

Chapter 8. Manage Your Mobile Wi-Fi 52

8. 1.	Save the Mobile Wi-Fi's Power	53
8. 2.	Change Login Password	55
8. 3.	Set Up System Time	55
8. 4.	Restore Configuration Settings	56
8. 5.	Update the Firmware	57
8. 6.	Update ISP Parameters	58
8. 7.	System Log	59

FAQ 60



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.

When using this guide, please notice that features of the Mobile Wi-Fi may vary slightly depending on the model, the software version you have, your location, system language, and internet service provider. All screenshots, images, parameters and descriptions documented in this guide are used for demonstration only.

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.

More Info

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

A Technical Support Forum is provided for you to discuss our products at <http://forum.tp-link.com>.

Our Technical Support contact information can be found at Contact Technical Support page at 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 4G 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, send messages, and share media files to/from a removable micro SD card.

1. 2. Physical Description

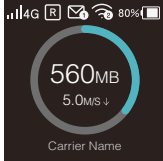





1. 2. 1. The Exterior

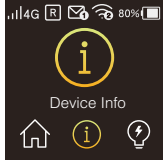










Button Explanation

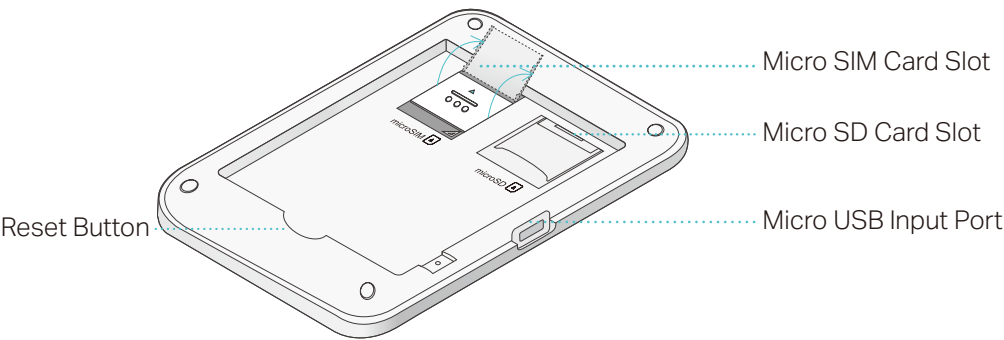
Button	Description
Menu Button	<ul style="list-style-type: none">• Press to enter the Menu Screen from the Home Screen.• Press to switch between icons or options.• Press to light on the screen.
Power Button	<ul style="list-style-type: none">• Press and hold to power on/off the Mobile Wi-Fi.• Press to turn on/off the screen display.• Press to select an icon.

Screen Display

Home Screen	Displayed Item	Indication
		Indicates the signal strength of the current network.
	4G/3G/2G	Indicates successful network connection and the current network type: 4G, 3G or 2G.
		Indicates you are in roaming service.
		Indicates that there is un-read message(s) and the number of them.
		Displays the Wi-Fi status and the number of connected wireless devices.
	100% 	Displays the remaining battery power.
	560MB	Indicates the total data used. It will be cleared after the Mobile Wi-Fi is reset.
	5.0 M/S ↓	Indicates the current download speed of the data transmission.

Menu Screen	Menu	Description
	 Home	Displays the information of data, signal strength, battery life and so on.
	 Device Info	Displays the SSID (network name), password and login address of the Mobile Wi-Fi.
	 Power Saving	If enabled, the Wi-Fi will be shut down if no wireless devices are connected to the Mobile Wi-Fi for 10 minutes; and the Wi-Fi range will be midium. For more information, please refer to Save the Mobile Wi-Fi's Power .
	 WPS	To enable the WPS function. Enable this function and immediately press the WPS button on your wireles device. A success message will appear on the screen, indicating successful WPS connection.
	 Wi-Fi Band	To change the Wi-Fi band to 2.4GHz or 5GHz as needed.
	 Network Mode	To change the network mode: 4G preferred, 4G only or 3G only as needed.
	 Data Roaming	To enable or disable the Data Roaming function as needed. We recommend you to enable it when you are out of the mobile carrier service area.
	 App Download	Scan the QR code to download the tpMiFi app to manage your Mobile Wi-Fi.

1. 2. 2. The Interior



Item	Description
SIM Card Slot	Insert a SIM card into the slot. A nano SIM card must be converted using the provided SIM card tray.
Micro SD Card Slot	Slide and lift up the slot cover, insert SD card and slide the cover back to lock. The inserted SD card can be used for storage and media sharing.
Micro USB Input Port	Plug in the USB cable to this port to charge your Mobile Wi-Fi or share SD card contents.
Reset Button	With the Mobile Wi-Fi powered on, use a pin to press and hold this button until "Power Off" appears on the screen to reset the Mobile Wi-Fi.

Chapter 2

Set Up Internet Connection

This chapter introduces how to install the hardware and set up the internet connection of your Mobile Wi-Fi.

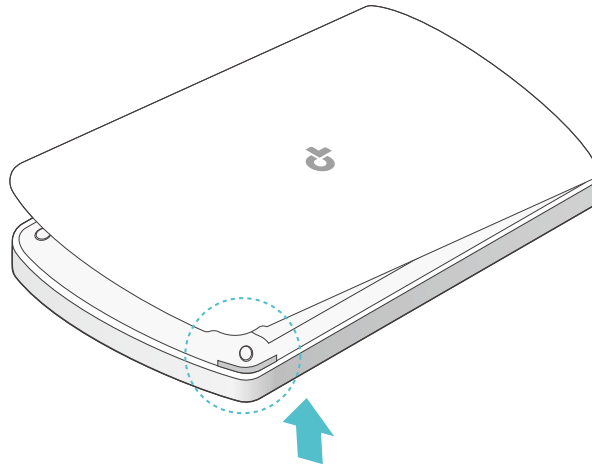
It includes the following sections:

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

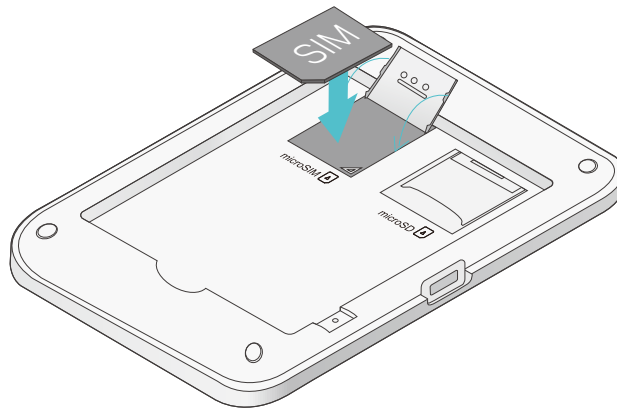
2. 1. Install the Hardware

2. 1. 1. Installation

1. Remove the cover and the battery.



2. Slide and lift up the SIM card slot cover and insert the SIM card.



■ Note:

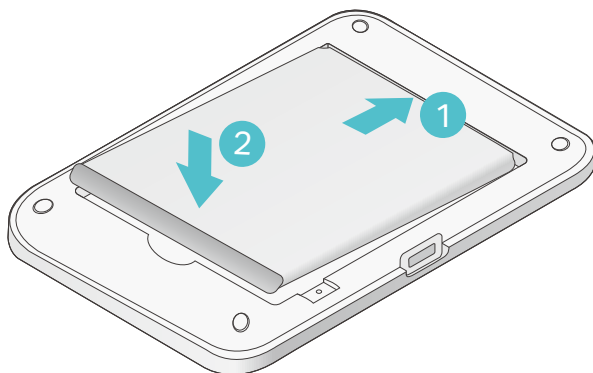
- A nano SIM card must be converted using the provided SIM card tray.
- The SIM card is not provided by TP-Link.

3. (Optional) Slide and lift up the SD card slot cover and insert a micro SD card.
The inserted SD card can be used for storage and media sharing.

■ Note:

- To learn how to store and share files via the SD card, please refer to [Share Files on SD Card](#).
- The SD card is not provided by TP-Link.


4. Fit the battery into the slot.



5. Replace the cover.



2.1.2. Power On

Press and hold  (power button) until the welcome screen appears.

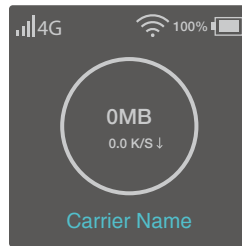


■ Note:

To power off, press and hold  (power button) until **Power Off** appears on the screen.

2.2. Connect to the Mobile Wi-Fi

1. After the Mobile Wi-Fi is powered on, you will see the following screen.



■ Note: If other messages appear on the screen, please refer to [Q2](#) of [FAQ](#).

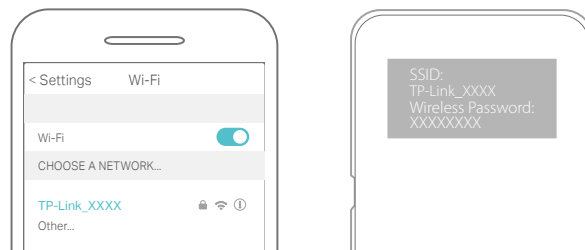
2. Follow the instructions to connect to the Mobile Wi-Fi. Here are two methods.

■ Note: If you use a computer to connect to the Mobile Wi-Fi, please set it to obtain an IP address automatically.


Method One: Finding SSID and Password from the cover or the screen.

- On the cover:

On your device, go to [Settings](#) > [Wi-Fi](#), select the [SSID](#) and enter the [Wireless Password](#) which you can find inside the cover.



- On the screen:

1) Press  (menu button) to enter the Menu Page and switch to the [Device Info](#) page.



- 2) Press  (power button) to enter the **Device Info** page.



- 3) On your device, select the **SSID** and enter the **Password** which you find on the screen.


Method Two: Via WPS (Wi-Fi Protected Setup)

If you have a WPS-supported device (such as Android phones or tablets), you can connect to the Mobile Wi-Fi more easily using WPS button or PIN.

Note:

To use the WPS function, please make sure the SSID Broadcast function and wireless function are enabled.



- Via the WPS button

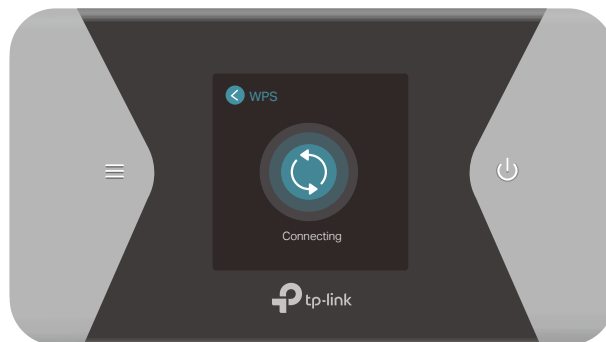
- 1) Press  (menu button) to enter the menu page and switch to the **WPS** menu.



- 2) Press  (power button) to enter the **WPS** page.



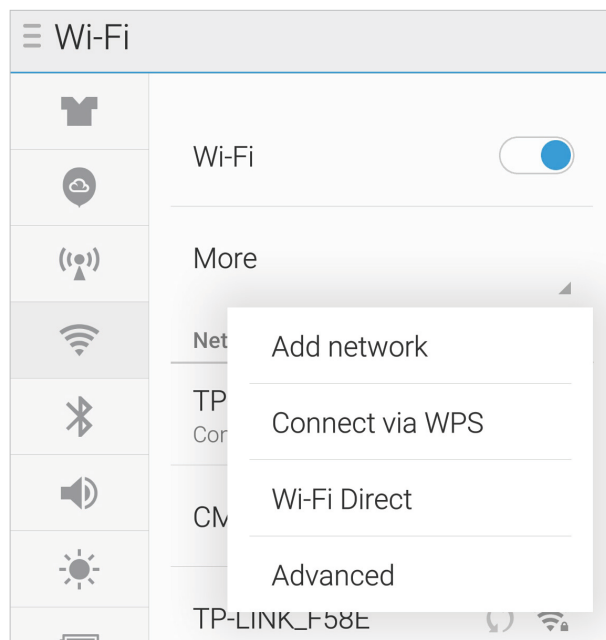
- 3) Press  (menu button) and  (power button) to enable the WPS function, and then the Mobile Wi-Fi starts to scan WPS-supported devices.



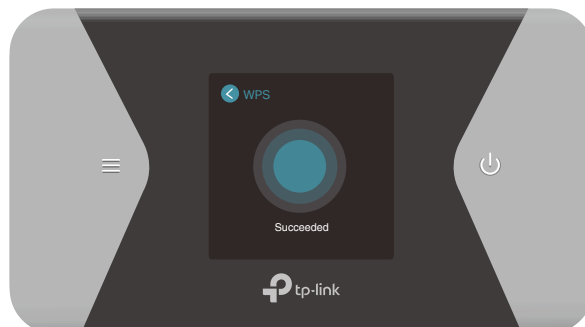
- 4) On your WPS-supported device, go to [Settings](#), turn on [Wi-Fi](#), and click [Connect via WPS](#) within 2 minutes.

Note:

The interfaces of the WPS function may vary in different wireless devices.



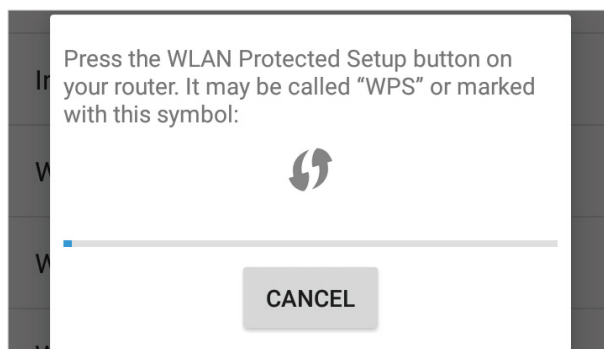
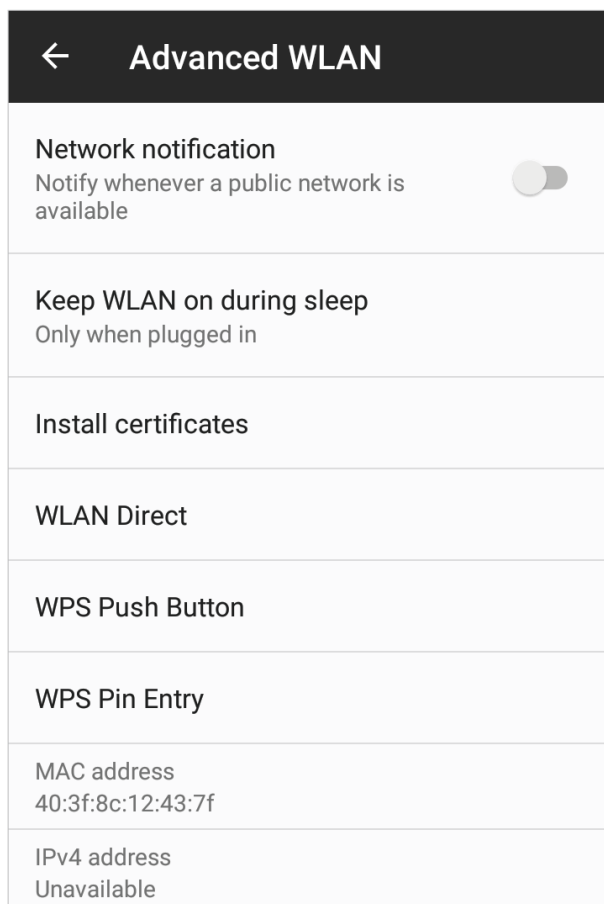
- 5) The status of WPS will change from **Connecting** to **Succeeded** indicating your WPS-supported device is connected to the Mobile Wi-Fi.



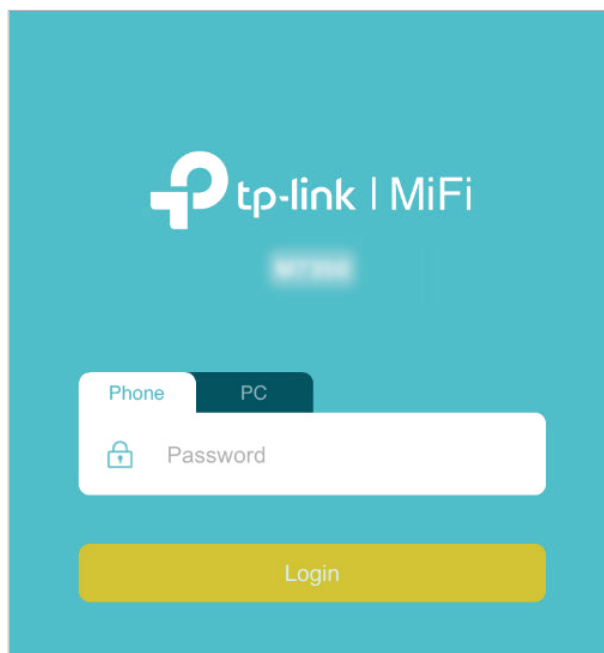
- Via the PIN
 - 1) On your WPS-supported device, go to **Settings**, turn on **Wi-Fi**, and go to the WPS page to get the PIN.

Note:

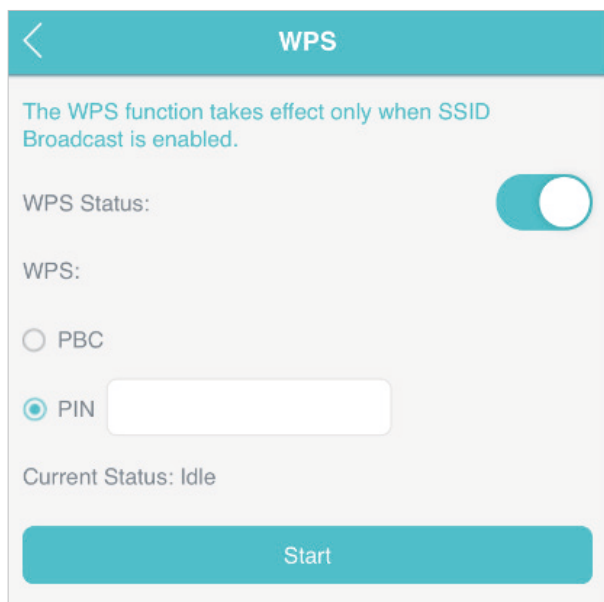
The interfaces of the PIN verification may vary in different wireless devices.



- 2) On another device already connected to the Mobile Wi-Fi, visit <http://tplinkmifi.net>, and log in with the default password: **admin**.



- 3) Go to [Device](#) > [Advanced](#) > [WPS](#), check the [PIN](#) box and enter the PIN of your WPS-supported device in the field.



- 4) Click [Start](#) to start the WPS process, and the Current Status will change from [Idle](#) to [Succeed](#) indicating your WPS-supported device is connected to the Mobile Wi-Fi.

Chapter 3

Login

This chapter introduces 3 methods to log in to the web management pages. Demonstrations in this guide use the phone web management interfaces, while some use the PC ones as those functions are only available on the PC web management page.

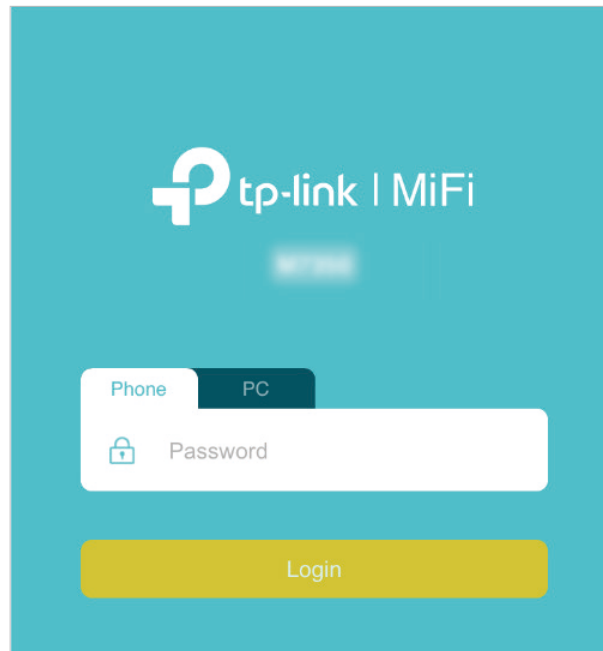
Before login, make sure your device is connected to the Mobile Wi-Fi's SSID.

This chapter includes the following sections:

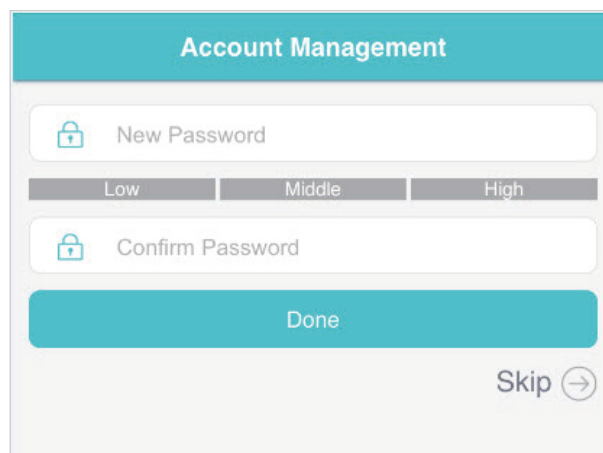
- [Via Phone Login Entry](#)
- [Via PC Login Entry](#)
- [Via tpMiFi App](#)

3. 1. Via Phone Login Entry

1. On your smart phone, visit <http://tplinkmifi.net>, and log in with the default password: [admin](#).



2. Create a new login password for security purposes and click [Done](#).

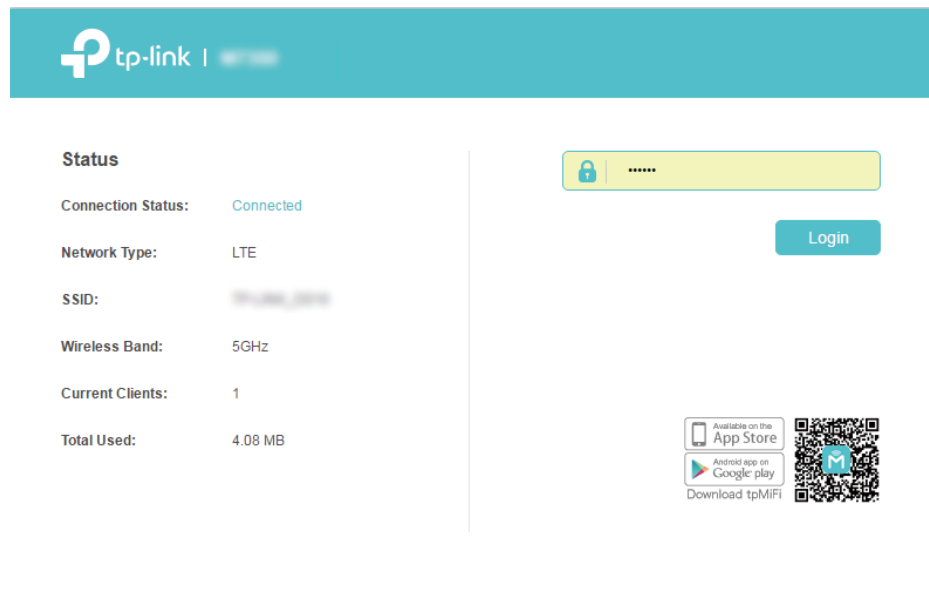


3. Use the password you just created for future logins.

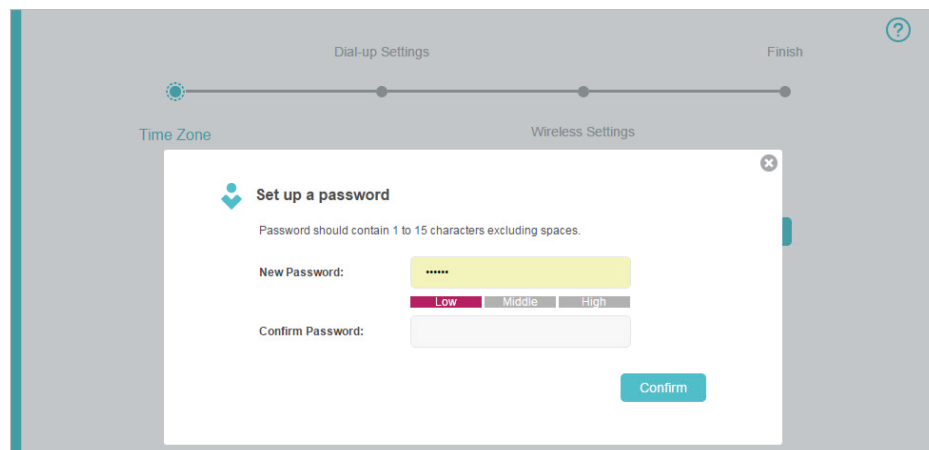
3. 2. Via PC Login Entry

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

1. On your computer or tablet, visit <http://tplinkmifi.net>, and log in with the password: **admin**.



2. Go to **Wizard**, create a new login password for security purposes and click **Confirm**.



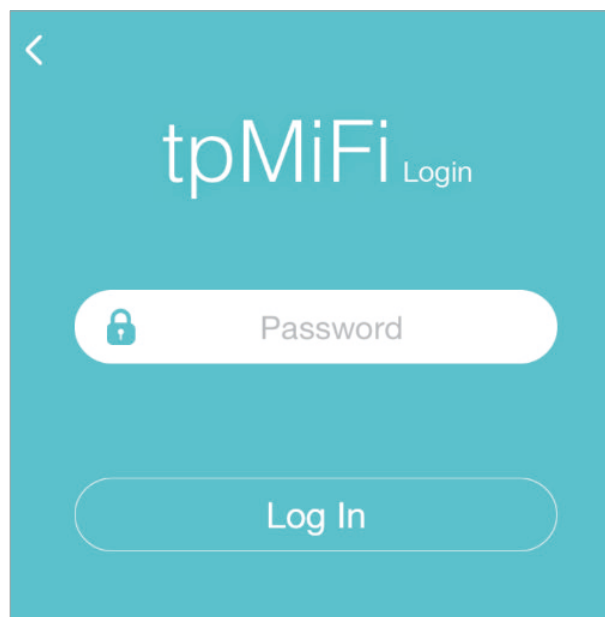
3. Use the password you just created for future logins.

3.3. Via tpMiFi App

1. Search "tpMiFi" at the App Store or Google Play Store 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, create a new password for security purposes and click [Log In](#).



4. Use the password you just created for future logins.

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](#)
- [Setup 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.

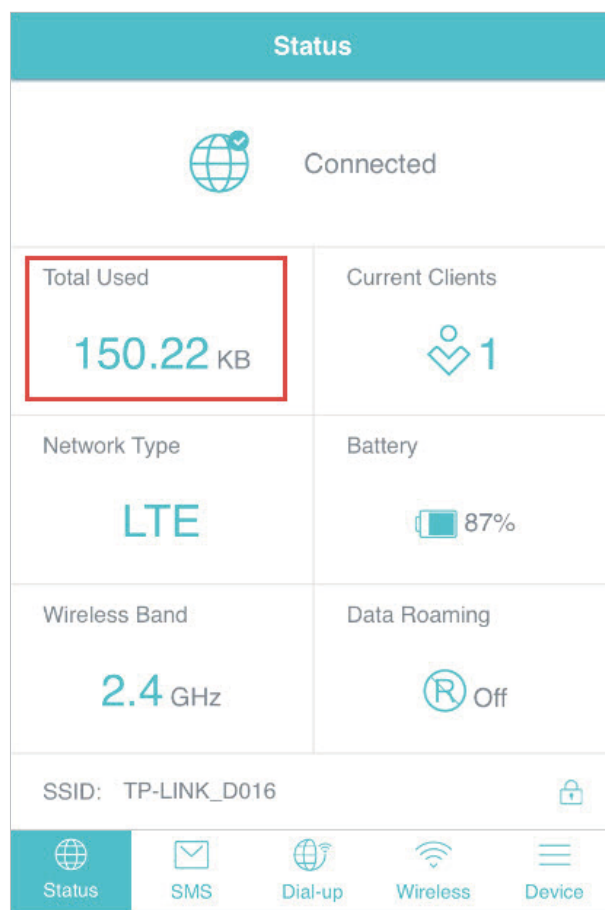
4.1.1. Check Data Usage on Screen

You can view data usage on the screen of your Mobile Wi-Fi.



4.1.2. Check Data Usage on the Web Management Page

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. You can view the data usage on the [Status](#) page as shown below.




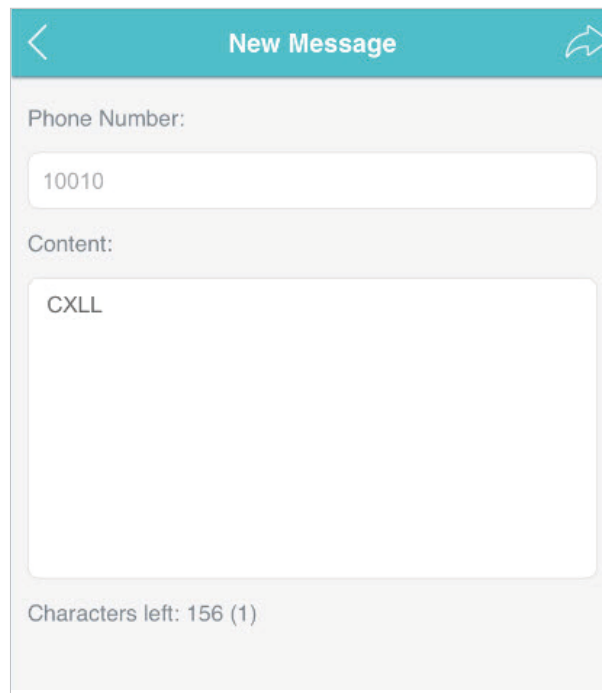
Note:

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. 3. 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.

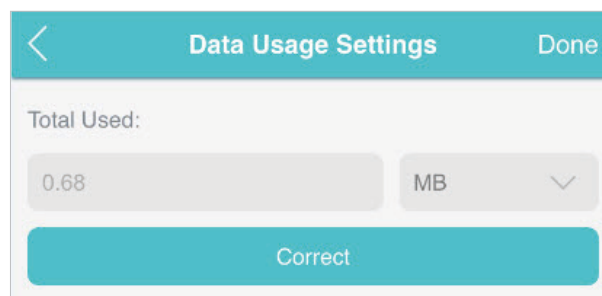
1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **SMS**.
3. Tap **New Message**.
4. Create a message to your carrier and then tap  to send it. And a few minutes later, you will receive a message of data usage information. For the phone number and message content, check from your carrier. Example below is from the mobile carrier China Unicom.



4. 1. 4. Revise Data Usage

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

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Device** > **Data Usage Settings**.
3. The figure below displays the current data usage. Tap **Correct**, enter a more accurate value for the data usage.



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.

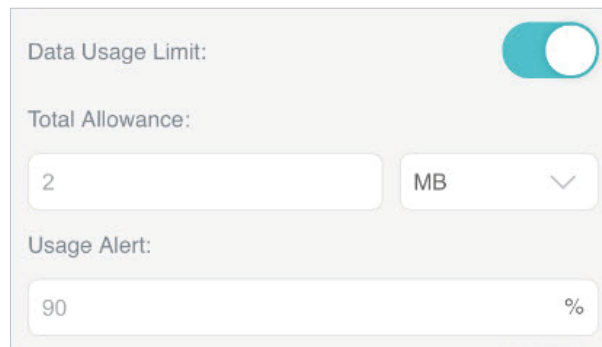
4.2.1. Limit Data Package

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 1.8GB (90% of the allowance);
2. Disable the internet access automatically when it reaches the allowance (2GB).

How can I do that ?

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to [Device > Data Usage Settings](#).
3. Enable [Data Usage Limit](#).
4. Enter [2](#) in [Total Allowance](#) field and specify [GB](#) as the unit of measure. To inform you that your data usage has reached the allowance, the internet access will be disabled automatically and the data usage circle on the Home Screen will turn to red: .
5. Set [90](#) as the [Usage Alert](#) percentage. To inform you that your data usage has reached the alert value, the data usage circle on the Home Screen will turn to orange: .



Data Usage Limit: ☒

Total Allowance:

2 MB

Usage Alert:

90 %

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:

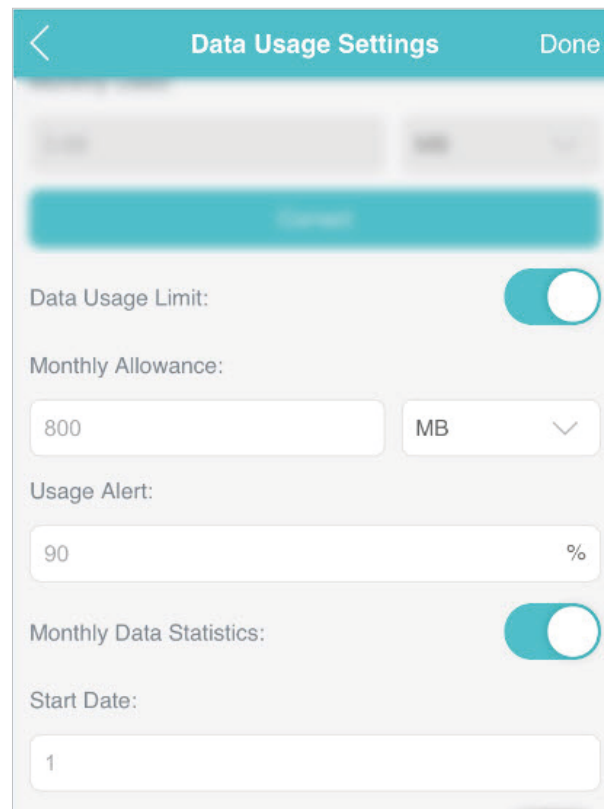
1. Receive an alert when the data usage reaches 720MB (90% of the allowance);
2. Disable the internet access automatically when it reaches the allowance (800MB).

How can I do that?

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Device > Data Usage Settings**.
3. Enable **Data Usage Limit** and **Monthly Data Statistics**.
4. Enter **800** in **Monthly Allowance** field and specify **MB** as the unit of measure. To inform you that your data usage has reached the allowance, the Internet access will be disabled automatically and the data usage circle  on the Home Screen will turn to red.
5. Set **90** as the **Usage Alert** percentage. To inform you that your data usage has reached the alert value, the data usage circle  on the Home Screen will turn to orange.
6. Enter the **Start Date**.

Note:

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



7. Tap **Done**.

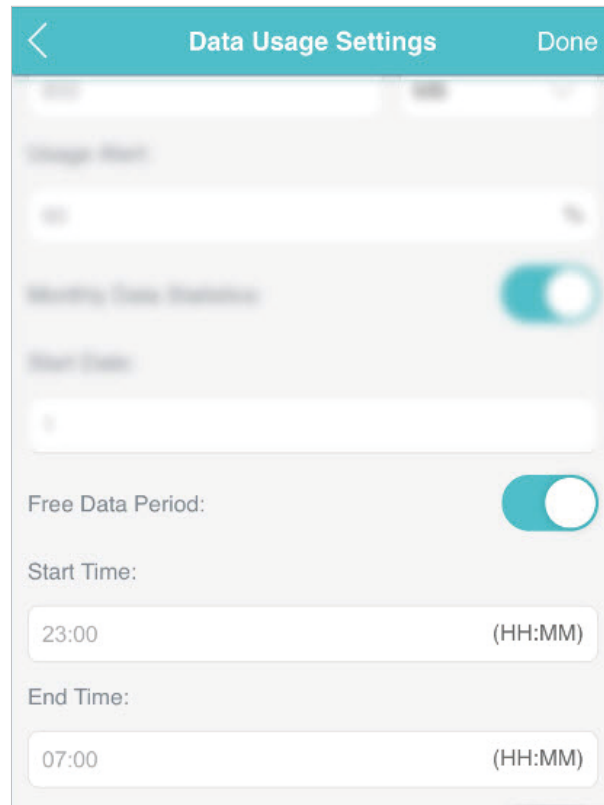
Done!

Now your data usage is limited according to your settings.

4.3. Setup 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. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Device > Data Usage Settings**.
3. Enable **Free Data Period**.
4. Enter the **Start Time** and **End Time** of Free Data Period.

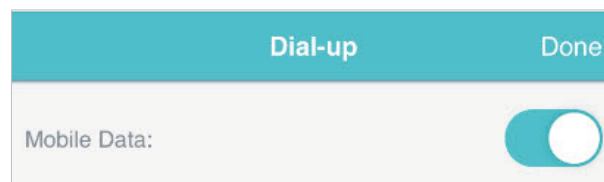


5. Tap **Done**.

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. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Dial-up**.
3. Enable **Mobile Data**.



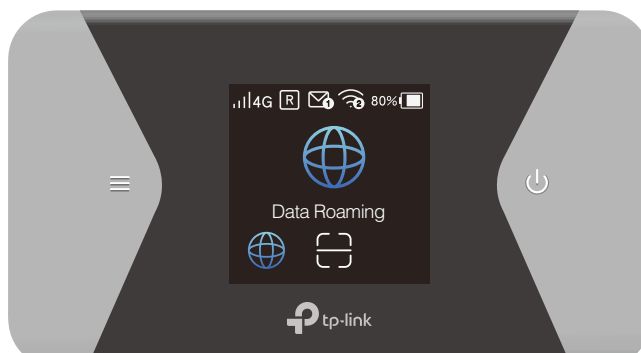
4. Tap **Done**.




4. 5. Enable Data Roaming

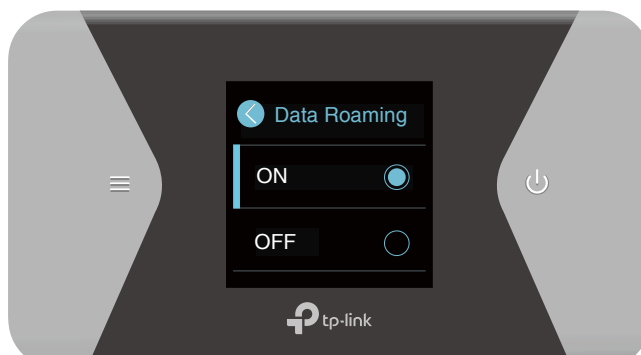
If you are out of the network service area, you can use this feature as needed.

Method One: Via the screen

1. Press  (menu button) and switch to the **Data Roaming** menu.

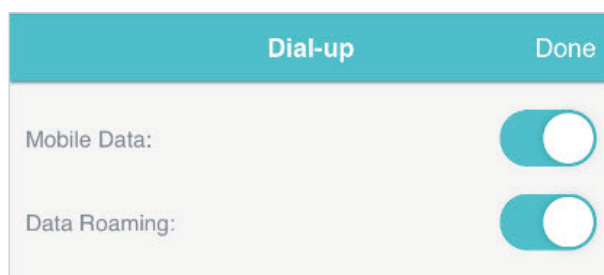


2. Press  (power button) to enter the **Data Roaming** page.
3. Press  and  to select **ON**.



Method One: Via the screen

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the mobile Wi-Fi.
2. Go to **Dial-up**.
3. Enable **Data Roaming**.



4. Tap **Done**.

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

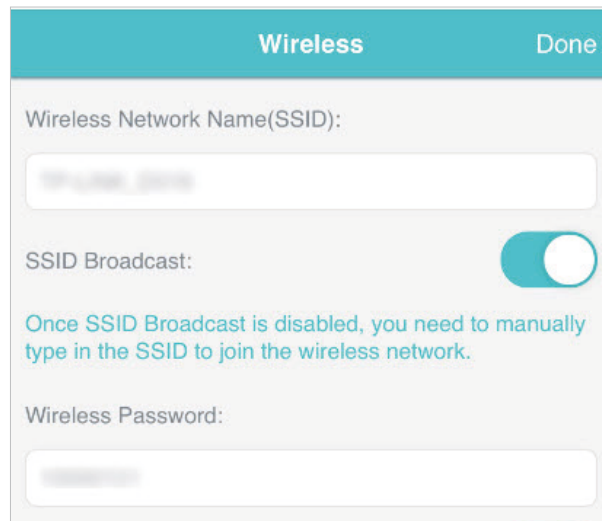
The SSID(wireless network name), wireless password of the Mobile Wi-Fi and security options are preset as default. The default SSID and password can be found on the screen of your Mobile Wi-Fi. You can customize the wireless settings as needed.

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.

2. Go to [Wireless](#).

➤ **To change the SSID and wireless password:**

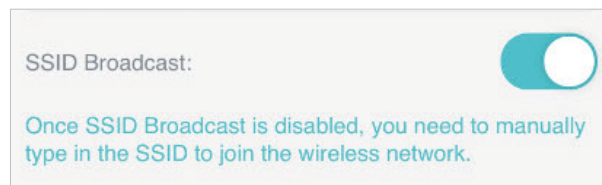
1. Enter a new SSID and wireless password in the [Wireless Network Name](#) and [Wireless Password](#) fields respectively.



2. Tap [Done](#).

➤ **To hide the SSID:**

1. Toggle off [SSID Broadcast](#), so the SSID will not be displayed when you scan for wireless networks.



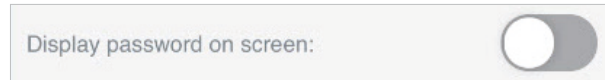
2. Tap [Done](#).

■ **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 search the network to join.

➤ **To hide password on screen:**


1. Toggle off **Display password on screen**, so the wireless password will not be displayed on the screen of your Mobile Wi-Fi.

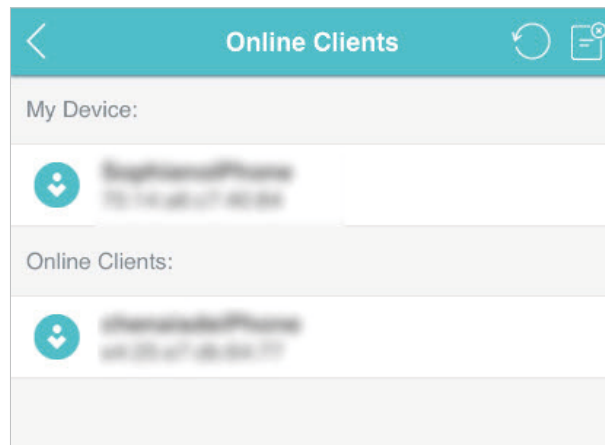


2. Tap **Done**.

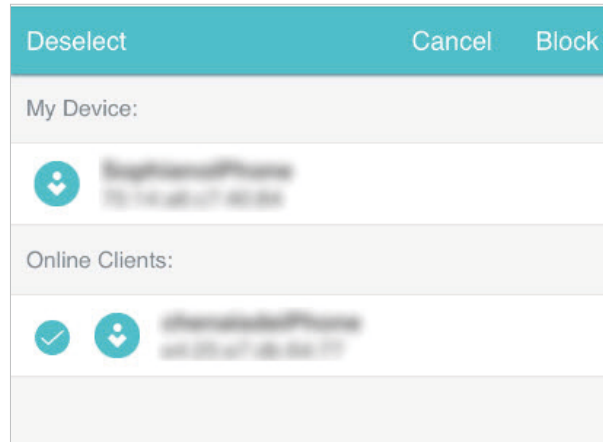
5.2. Block Unwelcome Devices

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

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the mobile Wi-Fi.
2. Go to **Status > Current Clients**.
3. Tap .



4. Select the device(s) that you want to block from the **Online Clients** list.



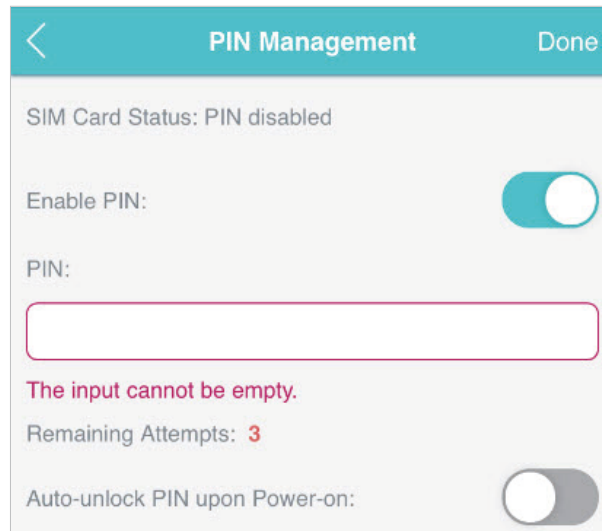
5. Tap **Block**.

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 with your SIM card inserted, you need to enter the PIN code to access the internet.

If you don't wish to enter the PIN code on your Mobile Wi-Fi, you can enable the Auto-unlock PIN upon Power-on function. You will still have to enter the PIN code on other devices to unlock this SIM card, however.

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
 2. Go to **Device** > **Advanced** > **PIN Management**.
- **To enable the PIN lock:**
1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
 2. Go to **Device** > **Advanced** > **PIN Management**. Toggle on **Enable PIN**.
 3. Enter the PIN code of your SIM card.



4. Tap **Done**.

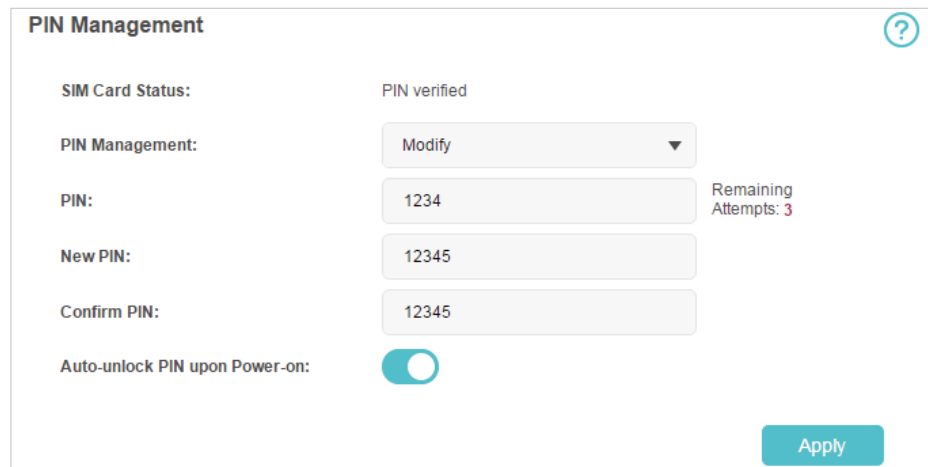
5. Visit <http://tplinkmifi.net> and then enter the PIN code to access the internet every time you start your Mobile Wi-Fi.

■ **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, you 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 reset PIN code:**

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 > Dial-up > PIN Management**.
3. Select **Enable PIN** from the drop-down list if SIM Card Status is disabled. Enter the PIN code of your SIM card, and then click **Apply**.
4. Select **Modify** from the drop-down list.
5. Enter the current PIN code and a new PIN code twice. The new PIN code must consist of 4-8 digits.



PIN Management

SIM Card Status: PIN verified

PIN Management: Modify

PIN: 1234 Remaining Attempts: 3

New PIN: 12345

Confirm PIN: 12345

Auto-unlock PIN upon Power-on: ☒

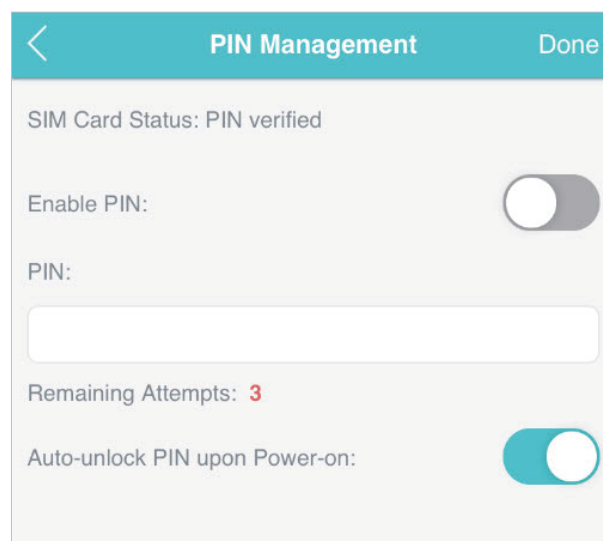
Apply

6. Click [Apply](#).

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

➤ **To enable Auto-unlock PIN upon Power-on:**

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to [Device](#) > [Advanced](#) > [PIN Management](#). Toggle on [Enable PIN](#), enter the PIN code of your SIM card, and tap [Done](#).
3. Enable [Auto-unlock PIN upon Power-on](#).



[<](#) **PIN Management** [Done](#)

SIM Card Status: PIN verified

Enable PIN: ☐

PIN:

Remaining Attempts: 3

Auto-unlock PIN upon Power-on: ☒

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

Chapter 6

Share Files on SD Card

This chapter describes how to share and access files on an SD card via Wi-Fi and via a USB cable.

It contains the following sections:

- [Access via Wi-Fi Mode](#)
- [Access via USB Mode](#)

6. 1. Access via Wi-Fi Mode

You can share files on an SD card via Wi-Fi mode so clients connected to the Mobile Wi-Fi can access the SD card.

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.

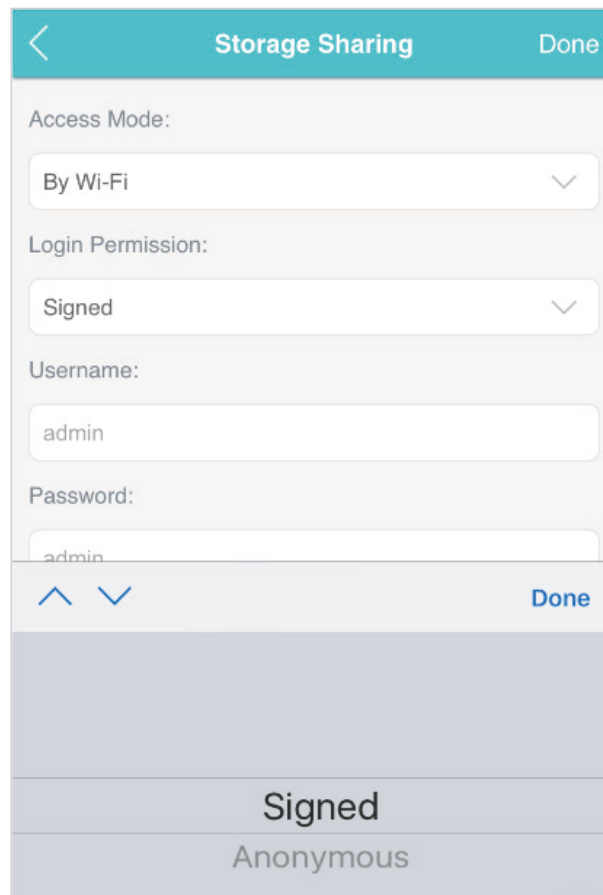
2. Go to [Device](#) > [Advanced](#) > [Storage Sharing](#).

➤ **To access via an Android or iOS device**

1. Select [By Wi-Fi](#) for Access Mode.

The screenshot shows a mobile application interface for 'Storage Sharing'. At the top, there is a teal header bar with a back arrow, the title 'Storage Sharing', and a 'Done' button. Below the header, the form is organized into sections: 'Access Mode:' with a dropdown menu set to 'By Wi-Fi'; 'Login Permission:' with a dropdown menu set to 'Signed'; 'Username:' with a text input field containing 'admin'; and 'Password:' with a text input field containing 'admin'. Below these fields is a light gray bar with an expandable icon (an upward arrow) and a 'Done' button. Underneath this bar are three expandable sections: 'By USB', 'By Wi-Fi' (which is currently expanded), and another empty section. The 'By Wi-Fi' section is highlighted with a darker gray background.

2. Select [Signed](#) or [Anonymous](#) for Login Permission.



Note:

If you have selected **Signed**, please specify Username and Password for access (admin by default).

3. Tap **Done**.

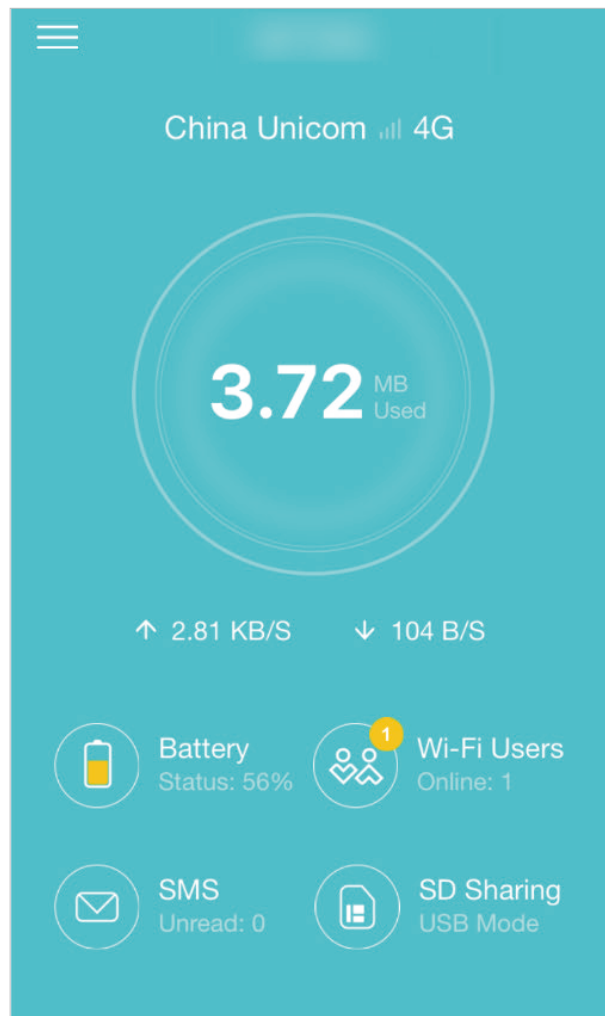
4. Search **tpMiFi** at the App Store Store or Google Play Store or simply scan the QR code to download it.



5. Connect your mobile device to the Mobile Wi-Fi.

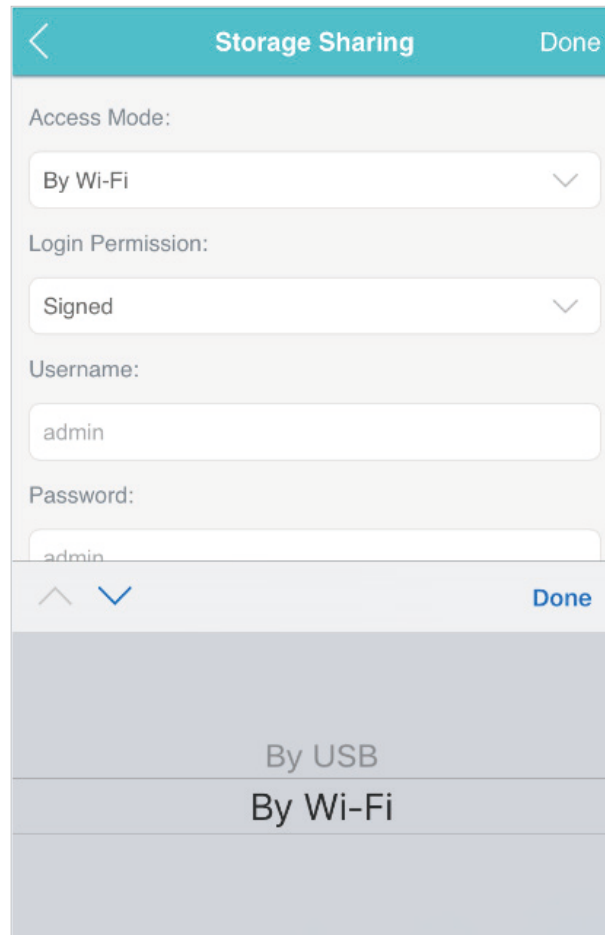
6. Launch tpMiFi and enter the password you set for the Mobile Wi-Fi.

7. Tap **SD Sharing** to access the SD card. You can then view, download and upload multimedia files as needed.



➤ To access the SD card via a PC:

1. Select [By Wi-Fi](#) for Access Mode.



The image shows a mobile application screen titled "Storage Sharing". At the top, there is a teal header bar with a back arrow on the left, the title "Storage Sharing" in the center, and a "Done" button on the right. Below the header, the screen is divided into several sections. The first section, labeled "Access Mode:", contains a dropdown menu with "By Wi-Fi" selected. The second section, labeled "Login Permission:", contains a dropdown menu with "Signed" selected. The third section, labeled "Username:", contains a text input field with "admin" entered. The fourth section, labeled "Password:", contains a text input field with "admin" entered. Below these sections is a light gray bar with an upward arrow, a downward arrow, and a "Done" button. At the bottom of the screen, there are three large, light gray buttons: "By USB", "By Wi-Fi", and another unlabeled button.

< Storage Sharing Done

Access Mode:

By Wi-Fi

Login Permission:

Signed

Username:

admin

Password:

admin

^ v Done

By USB

By Wi-Fi

2. Select [Signed](#) or [Anonymous](#) for Login Permission.

Storage Sharing Done

Access Mode:

By Wi-Fi

Login Permission:

Signed

Username:

admin

Password:

admin

Done

Signed

Anonymous

■ **Note:** If you have selected [Signed](#), please specify Username and Password for access (admin by default).

3. Tap [Done](#).

4. Connect your computer to the Mobile Wi-Fi.

5. Open [Run](#) and input "[\\192.168.0.1](#)" (by default) or [ftp://192.168.0.1](#). Then click [OK](#) to continue.

Run

Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open: \\192.168.0.1

This task will be created with administrative privileges.

OK Cancel Browse...

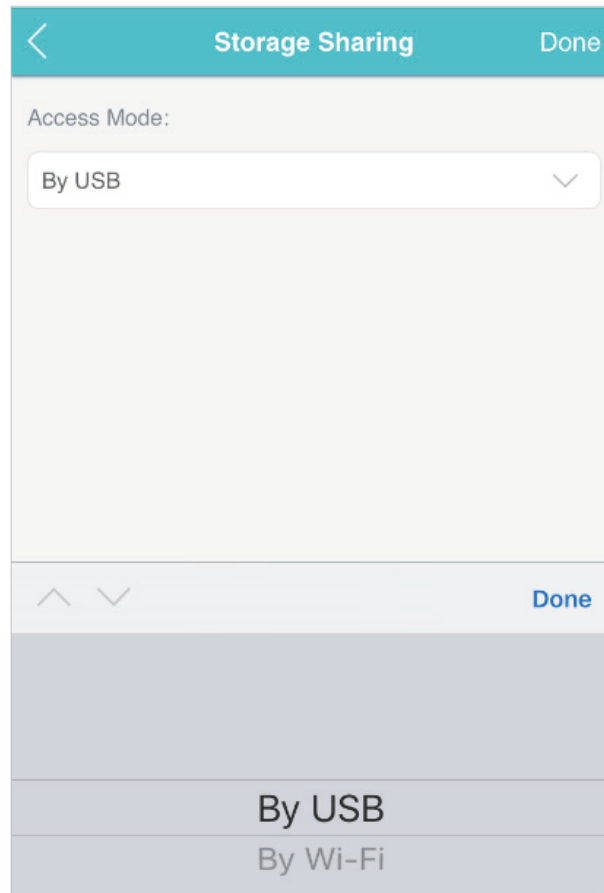
6. For anonymous access, you can now access the SD card. For signed access, enter the login username and password in the authentication window and click **OK**. Then you can access the SD card.



6.2. Access via USB Mode

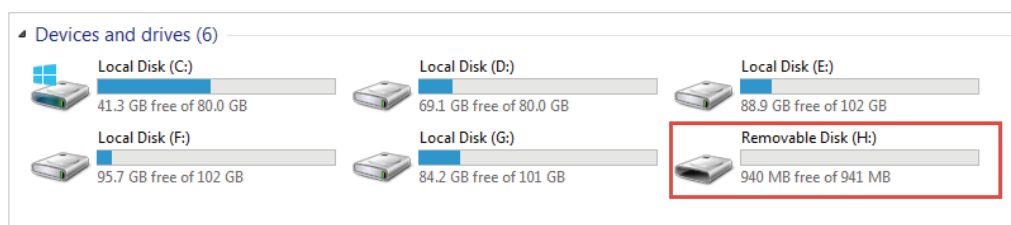
You can connect your computer to the Mobile Wi-Fi via a USB cable to access the SD card directly.

1. Select **By USB** for Access Mode.



2. Tap **Done**.

3. Connect your computer to the Mobile Wi-Fi via a USB cable and access the SD card directly.



Chapter 7

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](#)
- [Specify Network Band](#)
- [Set Network Expansion](#)
- [Configure Dial-up](#)
- [Configure DHCP Server](#)




7.1. 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.

Method One: Via the screen

1. Press  (menu button) and switch to the **Network Mode** menu.

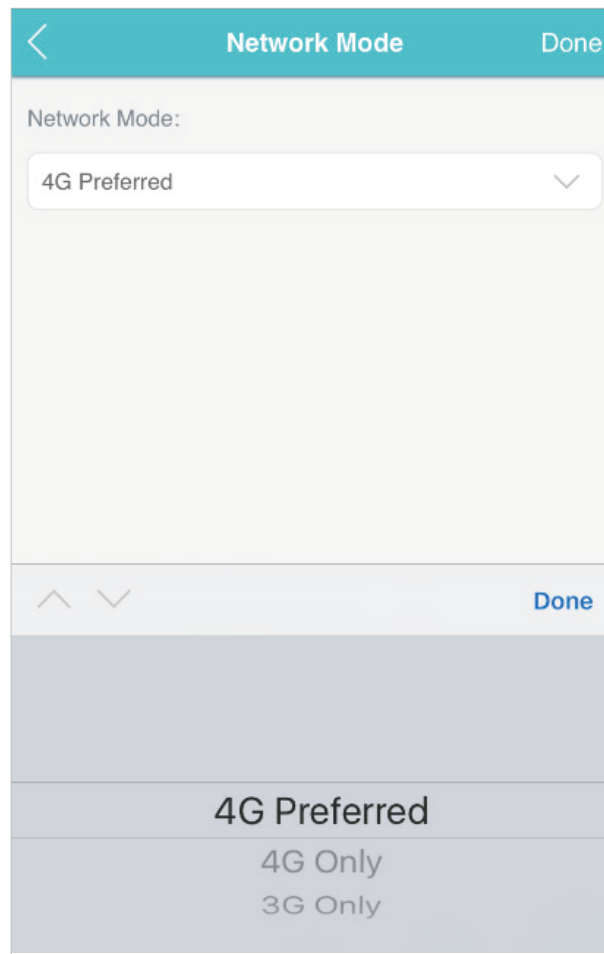


2. Press  (power button) to enter the **Network Mode** page.
3. Press  and  to select **4G Pref**, **4G Only** or **3G Only** as needed.



Method One: Via the webpage

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Device** > **Advanced** > **Network Mode**.
3. Select **4G Preferred**, **4G Only** or **3G Only** as needed.



4. Tap **Done**.

7.2. Specify Network Band




This Mobile Wi-Fi supports 2.4GHz and 5GHz wireless bands. In general, the 5GHz band performs better, but covers a smaller area .

■ Note: If you have specified 5GHz for Wireless Band, devices that only support 2.4GHz cannot connect to the Mobile Wi-Fi.

Method One: Via the screen

1. Press **≡** (menu button) and switch to the **Wi-Fi Band** menu.

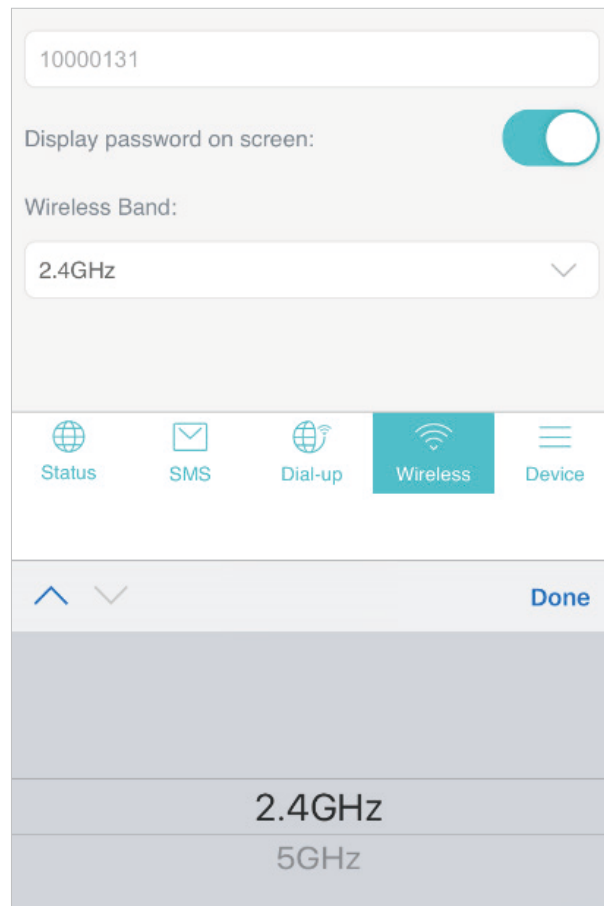


2. Press  (power button) to enter the **Wi-Fi Band** page.
3. Press  and  to specify **2.4GHz** or **5GHz** as needed



Method Two: Via the webpage

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Wireless**.
3. Specify **2.4GHz** or **5GHz** for Wireless Band of your Mobile Wi-Fi.

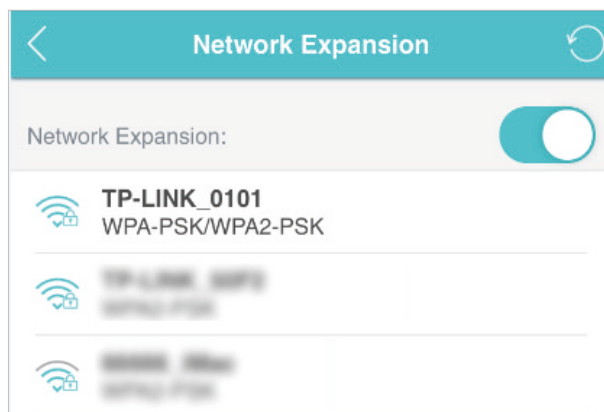


4. Tap **Done**.

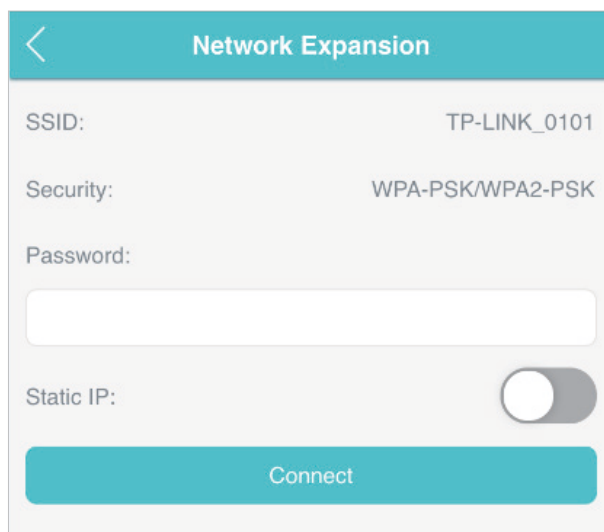
7.3. Set Network Expansion

This Mobile Wi-Fi can work as a range extender, connecting to a wireless network and expanding its Wi-Fi coverage.

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Device** > **Network Expansion**.
3. Enable **Network Expansion** and click **Restart Wi-Fi** in the pop-up.
■ Note: You may need to enter the Network Expansion page again after the Wi-Fi is restarted.
4. Select the network you want to expand.



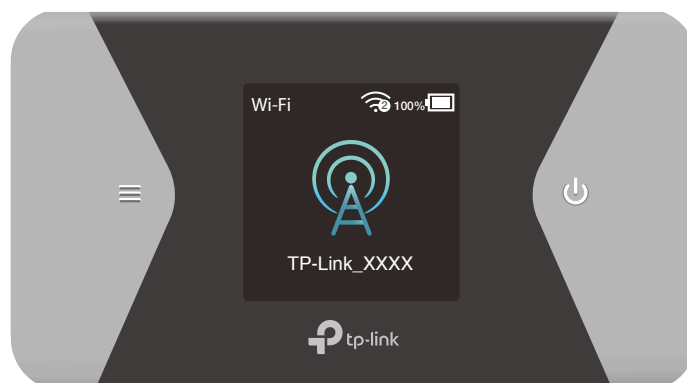
5. Enter the password if required and tap **Connect**. Then tap **Continue** in the pop-up.



Note:

Enabling network expansion may cause an IP conflict. Please use <http://tplinkmifi.net> to log in to the web management page of the Mobile Wi-Fi.

6. The icon of the extended network will show up on the Home Screen. You can connect to the Mobile Wi-Fi using its SSID and password.



7.4. Configure Dial-up

7.4.1. Configure Dial-up 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. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to [Dial-up](#).
3. Tap [Create](#) to build a dial-up profile.
4. Specify a name for the profile and fill in the parameters provided by your carrier.

5. Tap [Done](#) and then tap [Yes](#) in the pop-up to apply the new profile.

■ Note:

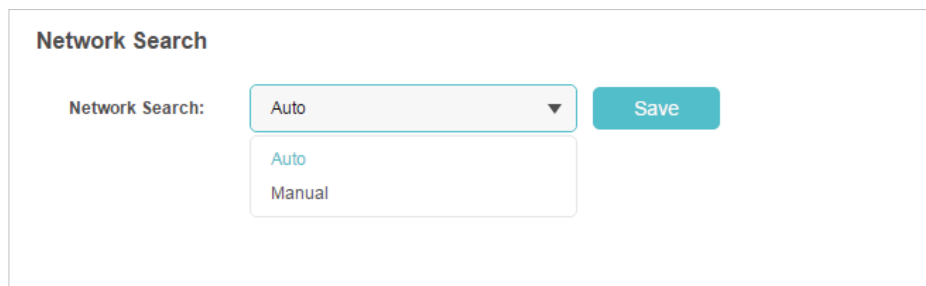
1. Mobile Data is enabled by default. If disabled, internet access is prohibited.
2. Data Roaming is disabled by default. If enabled, data service is allowed when roaming.

3. You can click [View Profile details](#) to check the current profile. If any parameter is wrong, you can click [Create](#) to build a new one.

7.4.2. Configure Network Search

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

- **Auto:** The Mobile Wi-Fi will automatically establish Internet connection when it is started.
 - **Manual:** When you have selected **Manual**, click **Search** and the Mobile Wi-Fi will scan 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. Visit <http://tplinkmifi.net> from the PC login entry, and log in with the password you set for the Mobile Wi-Fi.
 2. Go to **Advanced > Dial-up > Network Settings**.
 3. Select **Auto** or **Manual** for **Network Search** as needed.

The screenshot shows a web interface titled "Network Search". It features a label "Network Search:" followed by a dropdown menu currently set to "Auto". Below the dropdown is a list showing the available options: "Auto" and "Manual". To the right of the dropdown is a blue "Save" button.

4. Click **Save**.

7.5. 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 into 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 8

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](#)

8.1. 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.

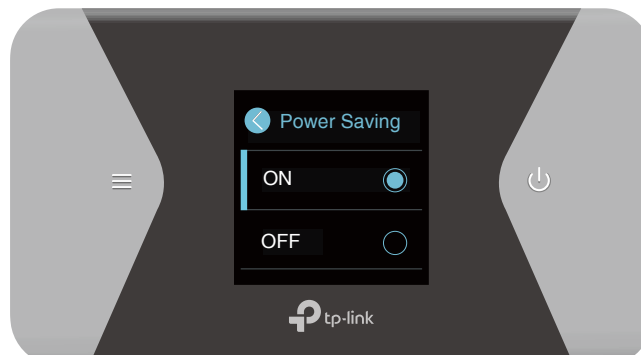
Method One: Via the screen

By enabling Power Saving on the screen, the Wi-Fi range will be medium and Wi-Fi Auto-disable time will be 10 minutes.

1. Press  (menu button) and switch to the **Power Saving** menu.

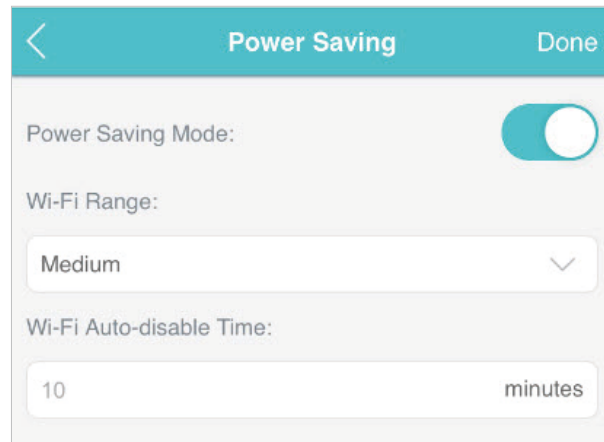


2. Press  (power button) to enter the **Power Saving** page.
3. Press  and  to select **ON**.



Method Two: Via the webpage

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to **Device > Power Saving**.
 - **To set Wi-Fi Range:**
 1. Enable **Power Saving Mode**.
 2. Select **Long**, **Medium** or **Short** from the **Wi-Fi Range** drop-down list.



■ **Note:**

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

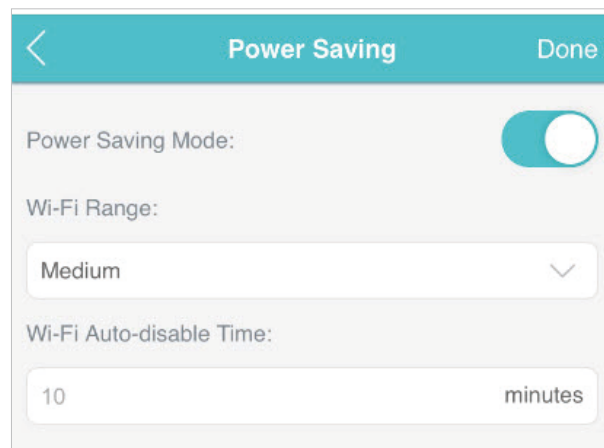
3. Tap **Done**.

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. Specify the **Wi-Fi Auto-disable Time**.



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.

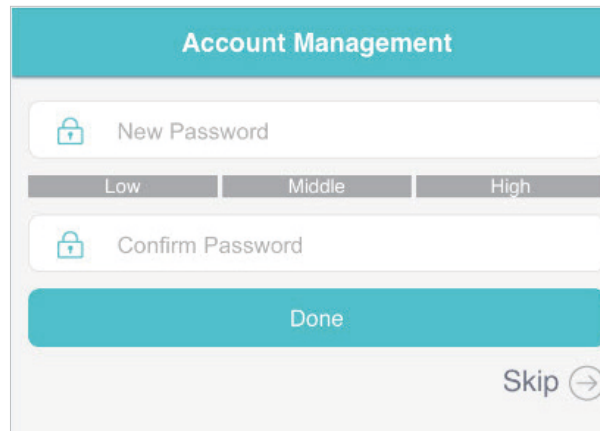
■ **Note:**

To resume the Wi-Fi, press the Power Button or the Menu Button.

8.2. Change Login Password

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

1. Visit <http://tplinkmifi.net>, and log in with the password you set for the Mobile Wi-Fi.
2. Go to [Device](#) > [Account](#).
3. Enter the current password. Then enter the new password twice (case-sensitive) and tap [Done](#).

The screenshot shows a mobile application interface titled "Account Management". It features two input fields for passwords, each with a lock icon on the left. The first field is labeled "New Password" and has three strength indicators below it: "Low", "Middle", and "High". The second field is labeled "Confirm Password". At the bottom of the form is a large teal button labeled "Done". In the bottom right corner, there is a "Skip" link with a right-pointing arrow icon.

4. Use the new password for future logins.

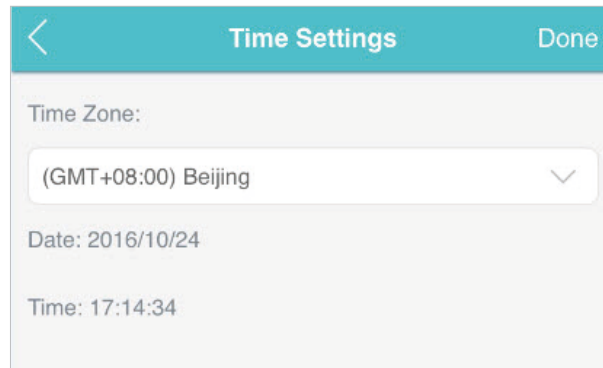
8.3. Set Up System Time

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. Visit <http://tplinkmifi.net>, and log in with the password you set for the mobile Wi-Fi
2. Go to [Device](#) > [Advanced](#) > [Time Settings](#).
3. Select your local [Time Zone](#) from the drop-down list.



4. Tap **Done**.

8.4. Restore Configuration Settings

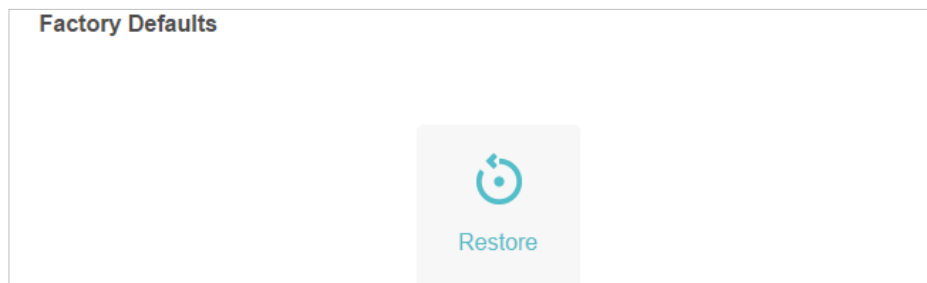
The Factory Defaults feature allows you to restore your Mobile Wi-Fi to its factory defaults. After you restore your Mobile Wi-Fi, all previous settings will be cleared and you have to reconfigure them.

Method One: On the Mobile Wi-Fi:

With the Mobile Wi-Fi powered on, remove the cover. Use a pin to press and hold the **RESET** button until the "Power Off" appears on the screen.

Method Two: Via the webpage

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.


8.5. Update the Firmware

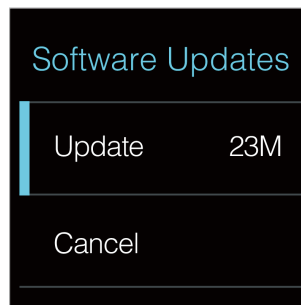
TP-Link is committed to improving product features, giving you a better network experience. We will inform you through the screen and web management page if there's any newly released update firmware. Also, you can download it from the Support page of our website www.tp-link.com.

■ **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.

Method One: Via the screen:

1. Press  (the power button) to update your Mobile Wi-Fi when the following screen appears.

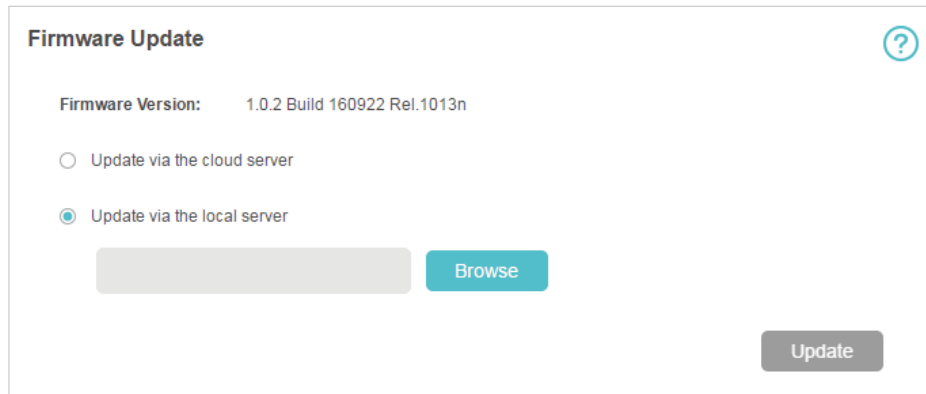


2. Wait a few minutes for the update to complete and the Mobile Wi-Fi to restart.

Method Two: Via the webpage

➤ **To update the firmware locally:**

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**.

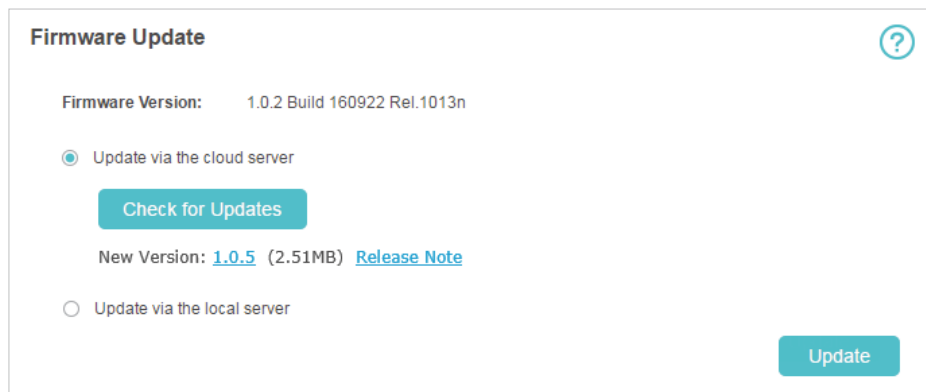


The screenshot shows the 'Firmware Update' section of a web interface. At the top right is a help icon (question mark in a circle). Below the title, the 'Firmware Version' is listed as '1.0.2 Build 160922 Rel.1013n'. There are two radio button options: 'Update via the cloud server' (unselected) and 'Update via the local server' (selected). Below these options is a text input field followed by a 'Browse' button. At the bottom right 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:**

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. Click **Update**.



The screenshot shows the 'Firmware Update' section of a web interface. At the top right is a help icon (question mark in a circle). Below the title, the 'Firmware Version' is listed as '1.0.2 Build 160922 Rel.1013n'. There are two radio button options: 'Update via the cloud server' (selected) and 'Update via the local server' (unselected). Below the 'Update via the cloud server' option is a 'Check for Updates' button. Below that, the 'New Version' is listed as '1.0.5 (2.51MB)' with a link to 'Release Note'. At the bottom right is an 'Update' button.

4. 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 [1.0.5](#) in the page above. To view update details, click [Release Note](#).

8.6. 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](#).

ISP Update

If you fail to dial-up Internet access after updating to the latest version, please contact us.

ISP Version: 16070801

New ISP File: [Browse](#)

[Update](#)

8.7. 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.

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](#).

➤ **To save the system logs locally:**

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	10-25 06:34:53	DHCP	INFO	DHCPACK(bridge0) 192.168.0.179 fe:88:1c:6b:db:43 win7-PC
2	10-25 06:34:53	DHCP	INFO	DHCPINFORM(bridge0) 192.168.0.179 fe:88:1c:6b:db:43
3	10-25 06:32:47	4G	INFO	Registered with a network!
4	10-25 06:32:47	4G	INFO	Not registered, searching!
5	10-25 06:32:45	SYSTEM	NOTICE	User clear all logs.

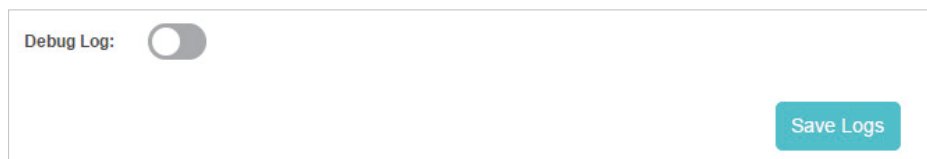
Debug Log: ☐

[Save Logs](#)

➤ **To debug logs:**

The Debug Log feature can save logs for specific troubleshooting. This function should be enabled under the requirement of our technical support.

1. Insert an SD card of at least 100MB storage in your Mobile Wi-Fi.
2. Put the file provided by our technical support in the SD card.
3. Go to the [Advanced](#) > [Storage Sharing](#) and set [By Wi-Fi](#) as Access Mode.
4. Enable [Debug Log](#).
5. Click [Save Logs](#).
6. Visit the SD card and send the saved files to our technical support.



■ **Note:**

Do not remove the SD card or switch the storage sharing mode when using this function.

FAQ

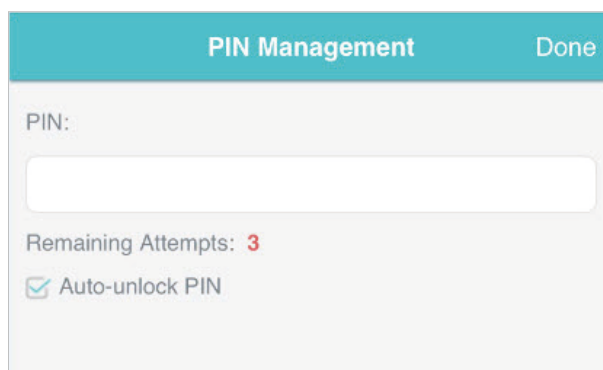
Q1. What should I do if I cannot log into the web management page?

- Verify that your device is connected to the Mobile Wi-Fi's SSID.
- Verify that you have entered <http://tplinkmifi.net> or <http://192.168.0.1> correctly.
- Verify that your device is set to obtain an IP address automatically.

Q2. What should I do when one of the following messages appears on the screen?

➤ PIN Required

- Log in to the web management page <http://tplinkmifi.net>. Enter the PIN provided by your mobile carrier and tap **Done**.



The screenshot shows a mobile application interface for PIN management. At the top, a teal bar contains the text 'PIN Management' and a 'Done' button. Below this bar, the text 'PIN:' is followed by a white text input field. Under the input field, it says 'Remaining Attempts: 3' with the number '3' in red. At the bottom of the screen, there is a checked checkbox next to the text 'Auto-unlock PIN'.

💡 Tips:

The PIN code of your SIM card is preset by your mobile carrier and usually can be found on the package of the SIM card.

➤ No SIM Card

- Power off the Mobile Wi-Fi and reinsert the SIM card.

➤ No Service

- Verify that your SIM card is an LTE , WCDMA or GSM SIM card.
- Verify that your SIM card is in your mobile carrier' s service area and has sufficient credit.
- Verify that your mobile carrier parameters are correct: Log into the web management page, go to **Dial-up** and tap **View profile details** to check if APN, Username and Password are correct. If not, return to the **Dial-up** page and create a new profile with the correct information. Then tap **Done** and confirm on the pop-up.

➤ icon

- Log in to the web management page, and go to [Dial-up](#) to enable [Data Roaming](#).

Q3. What should I do if my internet speed is slow?


Log in to the web management page and try the methods below:

- If you are experiencing intermittent slow Internet connection, go to [Wi-Fi Band](#) to switch between 2.4GHz and 5GHz for better connectivity.
- The 4G network may be temporarily unavailable in your current location. Go to [Network Mode](#) and try a different network.

Q4. 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 (hole) until [Power Off](#) appears on the screen and then release the button.
- On your computer or tablet, log into the Mobile Wi-Fi's web management page. Go to [Advanced](#) > [Device](#) > [Factory Defaults](#) and click [Restore](#).

COPYRIGHT & TRADEMARKS

Specifications are subject to change without notice.  is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders.

No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-Link Technologies Co., Ltd. Copyright © 2017 TP-Link Technologies Co., Ltd. All rights reserved.

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.

RF Exposure Information

This device meets the EU requirements (1999/5/EC 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.



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



Safety Information



- When product has power button, the power button is one of the way to shut off the product; when there is no power button, the only way to completely shut off power is to disconnect the product or the power adapter from the power source.
- Don't disassemble the product, or make repairs yourself. You run the risk of electric shock and voiding the limited warranty. If you need service, please contact us.
- Avoid water and wet locations.
- CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

For EU/EFTA, this product can be used in the following countries:

AT	BE	BG	CH	CY	CZ	DE	DK
EE	ES	FI	FR	GB	GR	HR	HU

IE	IS	IT	LI	LT	LU	LV	MT
NL	NO	PL	PT	RO	SE	SI	SK

Explanations of the symbols on the product label

Symbol	Explanation
	DC voltage
	<p>RECYCLING</p> <p>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.</p> <p>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.</p>