

# 4G LTE router: MIFI-4G

## 1. Introduction

MIFI-4G is a multi-function device: WIFI router & power bank. It support 3G/4G internet, WIFI repeater and Ethernet, support 10 users simultaneously.

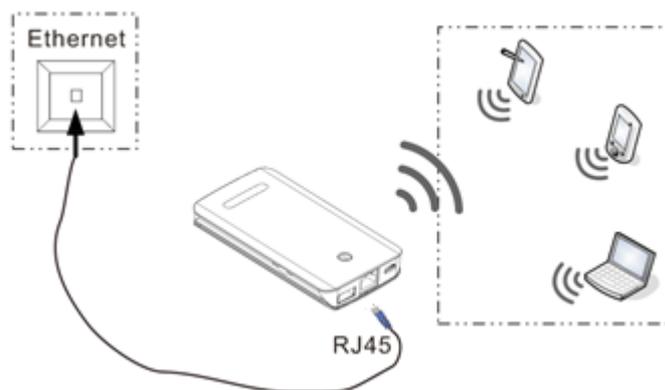
Any terminal device, with WIFI function or Ethernet port, can get internet through MIFI-4G router. Detail operation procedures are as below:

### 1.1 Function 1: Wireless Wi-Fi router , getting internet by 3 modes

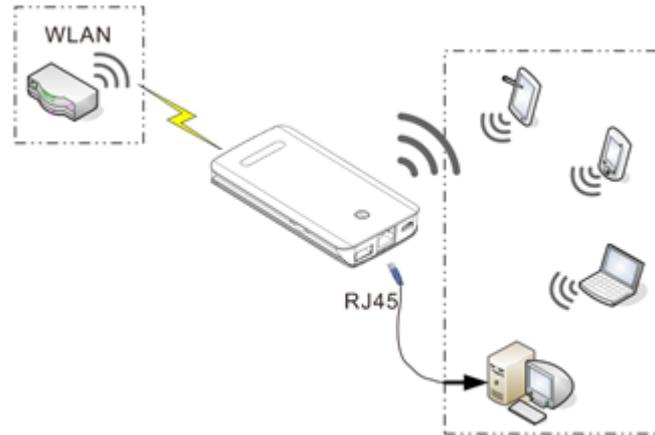
Mode 1 : Inserting SIM card into MIFI-4G device to get the 3G/4G wireless internet , and then the terminal devices , such as PC , mobile phone , tablet pc and so on , connect to M901 by RJ45 cable or Wi-Fi .



Mode 2 : Inserting Ethernet cable to MIFI-4G RJ45 WAN port to get the internet , and then the terminal devices connect to MIFI-4G by Wi-Fi .



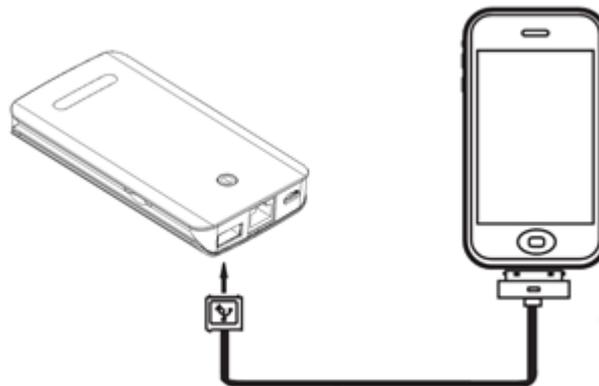
Mode 3 : By wifi repeater to get the internet , and then the terminal devices connect to MIFI-4G by RJ45 cable or Wi-Fi .



## 1.2 Function 2 : power bank

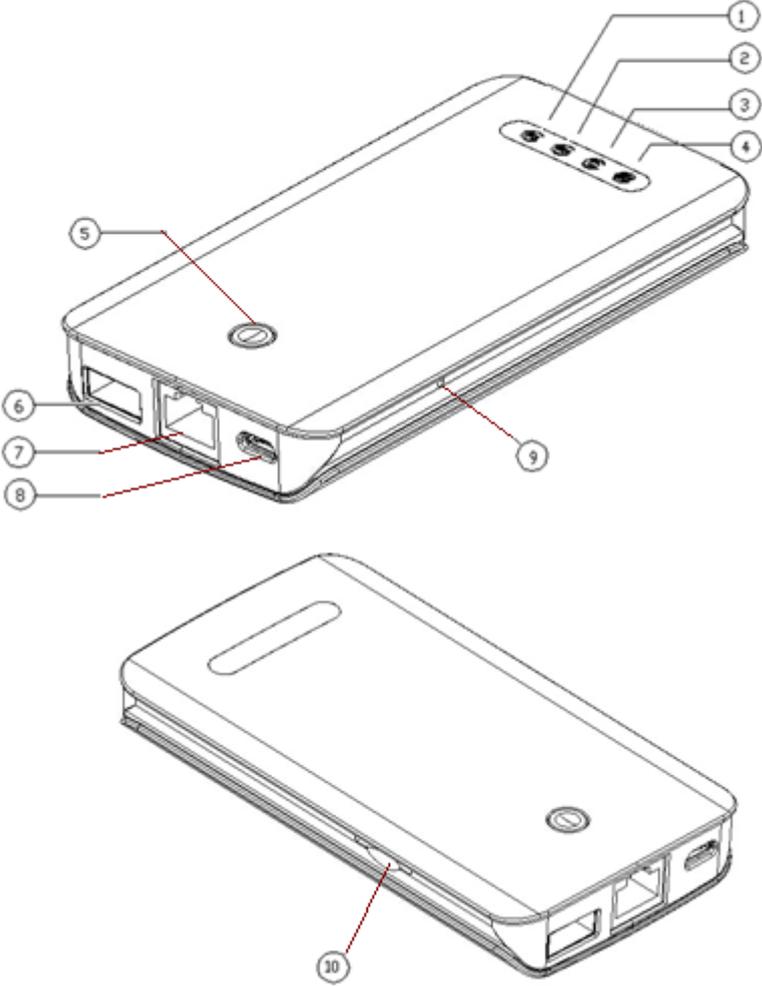
MIFI-4G is built in 5200mAh Lithium polymer battery, which can be used as power bank , charging most of power bank , MP3 , Tablet PC models and so on .

As the picture shown, connect MIFI-4G and the mobile phone by the USB cable, press 2 times on the power button to turn on the power bank function, and then MIFI-4G just begin to charge the mobile phone.



**PS : Please do not input charge MIFI-4G when it is output charging other mobile device , otherwise , the battery life will be shorten .**

## 2. Ports and Indicators



No.	Name	Status	Function
1	Cable Internet Indicator (Blue)	Blink	Data transmitting
		On	Cable inserted into RJ45 port
		Off	No cable inserted into RJ45 port
2	Battery Indicator (Red Green Blue)	Red	Low power
		Green	Middle power
		Blue	Full power
		Internet connecting: Indicator on; Input: Indicator lowly blink (3 seconds/time). When battery is full, the indicator is blue on; Output: Indicator quickly blink (1 second/time); (PS: Please do not input and output at the same time, which will damage the battery)	
3	WIFI Indicator (Blue)	On	WIFI function is on
		Blink	Data transmitting by WIFI

		Off	WIFI function off
4	Device Status Indicator (Red Blue Green Purple)	Green On	4G(LET) internet on
		Blue On	3G/WAN/WISP internet on
		Red slowly blink	4G/3G alarm: ➤ No detect 4G/3G internet ➤ No SIM card ➤ 4G/3G signal very week
		Red quickly blink	Device failure
		Blue quickly blink	4G/3G connecting
		Purple	The device is upgrading software
5	Power Button	Long press for 3 seconds	Turn on the router
		Long press for 3 seconds	Turn off the router
		Shortly press 2 times	Turn on/off power bank function
6	Standard USB port		Output port
7	RJ45 Port ( WAN/LAN)		Ethernet or for WAN/LAN
8	Micro USB Port		Input port
9	Reset		Pin hole reset port to reset and restart device
10	SIM slot		Standard SIM slot

### 3. Web UI

User can make settings to the router device by the Web UI, such as Network access Mode, WIFI name (SSID), WIFI password, checking the internet status and the device status and so on.

PS : Once reset the device by the reset button , the device will restore the factory setting .

#### 3.1 Log in the Web UI

Open your smart phone or PC, and then detect the SSID of MIFI-4G: MIP903\_XXXXXX. Its WIFI default password: 1234567890. And then get connected to MIFI-4G .

Enter the admin page by typing the IP: 192.168.100.1 in the IE browser . The user name and password are both “admin” on the interface of User Login Management .



### 3.2 Select the Internet Access Mode

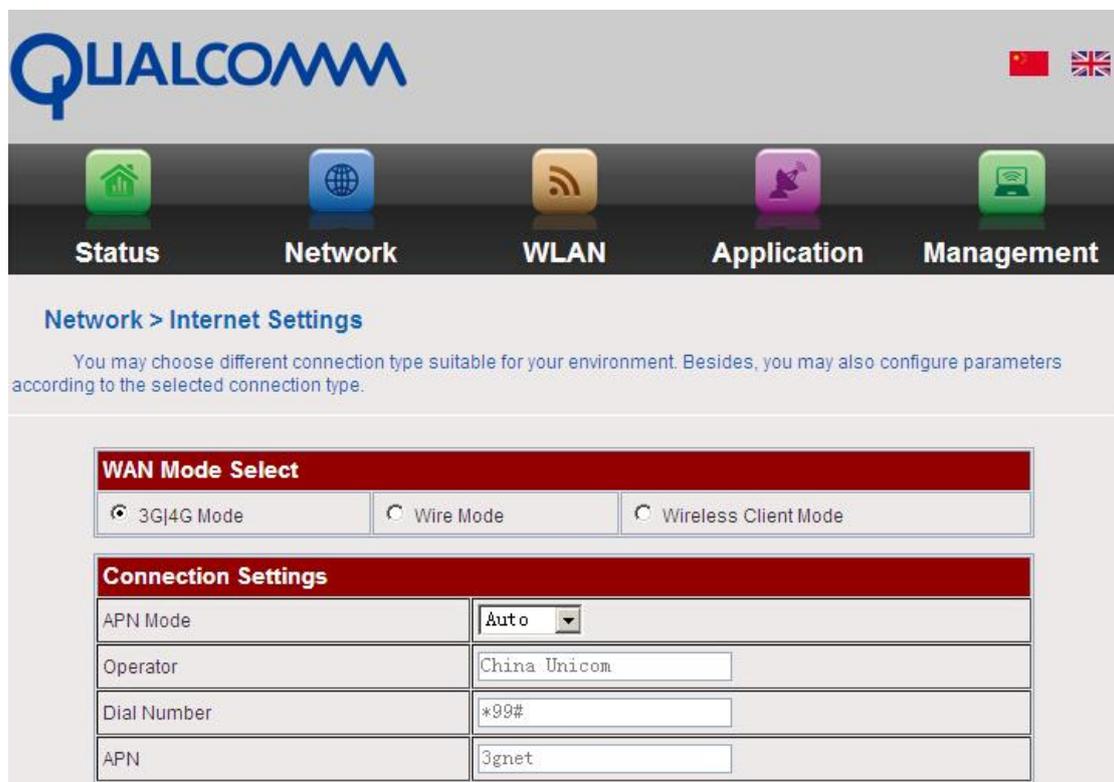
Click “ Network” >”Internet Setting” >”WAN Mode Select” , to select the internet access mode .

“3G/4G Mode” means getting internet by 3G/4G SIM card;

“Wire Mode” means getting internet by RJ45 Ethernet Cable;

“Wireless Client Mode” means getting internet by WIFI repeater .

After select the Internet Access Mode, click “ Apply “ , the router device will restart automatically .



### 3.3 Change WIFI name (SSID)

Click “WLAN”> “Basic Settings”> “Network Name(SSID) , to set the new name . And then click the “Apply” .

**QUALCOMM**  

 **Status**    **Network**    **WLAN**    **Application**    **Management**

**WLAN > Basic Wireless Settings**

You could configure the minimum number of Wireless settings for communication, such as Network Name (SSID) and Channel. The Access Point can be set simply with only the minimum setting items.

Wireless Network	
Wireless On/Off	<input type="button" value="Disable"/>
Network Mode	11b/g/n ▾
Network Name(SSID)	M903_240B64
Broadcast Network Name (SSID)	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
BSSID	2C:67:FB:24:0B:64
Frequency (Channel)	AutoSelect ▾

### 3.4 Set WIFI password

Click "WLAN">"Security Settings">"Security Mode", to select the mode you want; "Pass Phrase", to change the WIFI password.

Its default password is "1234567890".



WLAN > Wireless Security/Encryption Settings

Setup the wireless security and encryption to prevent from unauthorized access and monitoring.

Select SSID	
SSID	M903_240B64

"M903_240B64"	
Security Mode	WPA2-PSK

WPA	
WPA Algorithms	<input type="radio"/> TKIP <input checked="" type="radio"/> AES <input type="radio"/> AUTO
Pass Phrase	1234567890
Key Renewal Interval	3600 seconds

Access Policy :MAC Address Filtering	
Policy	Disable
Add a station MAC Address	: : : : : :

### 3.5 Change the user name and password of the User Login Management

Click "Manage"> "User Manage"> "User Management" to change the user name and password. And then click "Apply".

The image shows the Qualcomm router management interface. At the top left is the Qualcomm logo. At the top right are flags for China and the United Kingdom. Below the logo is a navigation bar with five icons: Status (green house), Network (blue globe), WLAN (orange RSSI), Application (purple satellite), and Management (green laptop). The Management menu is open, showing options: User Management, Device Management, Log Management, and Update Software. The main content area shows "Management > User Management" with a link "You may modify you password here." Below this is a "User Management" form with the following fields:

User Management	
User Name	<input type="text" value="admin"/>
Password	<input type="password"/>
New Password	<input type="password"/>
Verify New Password	<input type="password"/>

At the bottom of the form are "Apply" and "Cancel" buttons.

### 3.6 Checking the status of the internet and the router device

Click "Status", it will show the menu as "WAN Side Info", "Device Info", "WLAN Info", "Ethernet LAN Info", just click each of them to check the details.



Status > WAN Side Info

You could monitor WAN connection status and WAN Statistics.

WAN Connection Status	
WAN Type	3G 4G
Signal Strength	-55 dbm
Device Name	3G LTE
Card ready or not	Card Ready
Connection Status	Connect
WAN IP Address	10.35.90.97
Subnet Mask	255.255.255.255
Default Gateway	10.64.64.64
Primary DNS	210.21.4.130
Secondary DNS	221.5.88.88
Operation Mode	Keep Alive

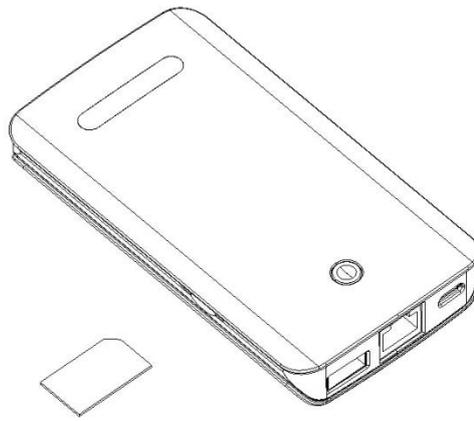
[Disconnect](#)

Statistics WAN Rx Tx	
WAN Rx packets	4217
WAN Tx packets	3614
WAN Rx bytes	3250418
WAN Tx bytes	330461

#### 4. About inserting SIM card

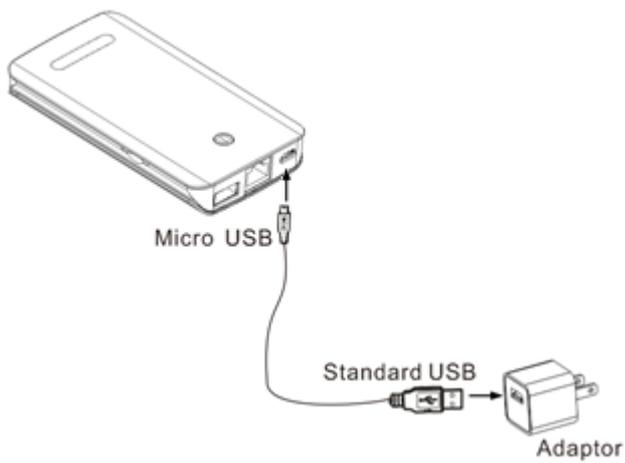
Insert the SIM card as the picture showing. When hear short clatter, it means the SIM card has been inserted in correct way.

The router device does not support hot plug. So please insert the SIM card into the device before turn on it.

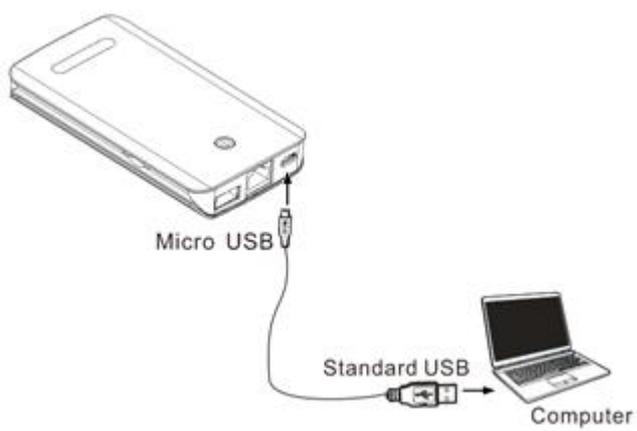


## 5. About charging the battery

(1) By AC adapter



(2) By Computer



**PS : Please do not input charge MIFI-4G when it is output charging other mobile device , otherwise , the battery life will be shorten .**