

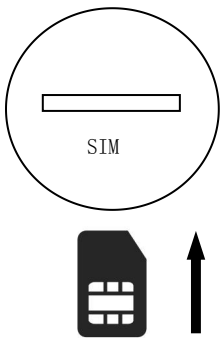
Quick Installation Guide

Wireless 4G Router

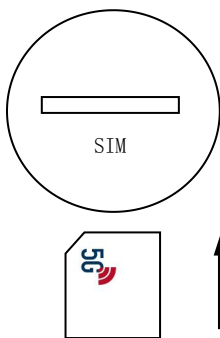
Installation guidance

the SIM card (or Internet of things card) into the card slot as shown in the diagram before the device is electrified; note: the device SIM card slot only supports standard Nano-SIM card, otherwise it will not pop up inside (hot swapping is prohibited)

SIM card installation

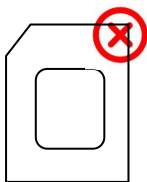


(Indoor route)



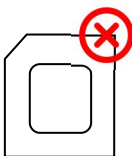
(Outdoor route)

Common SIM Card Size Schematic



Standard Card

Size :15*25 mm



Micro-SIM Card

Size :12*15 mm



Nano-SIM Card

Size :9*12 mm



hot swapping is prohibited

Ports and keys

DC	Power Interface	Connection router power adapter
Nano-SIM	SIM card slot	installed SIM card
Reset	reset key	for reset router
WAN	extranet interface	Connect router to extranet (Light Cat/ADSL Cat /Extranet)
LAN	interface	wired device connected to router
MAIN		4G main antenna interface
DIV		4G diversity antenna interface

Indicator Description

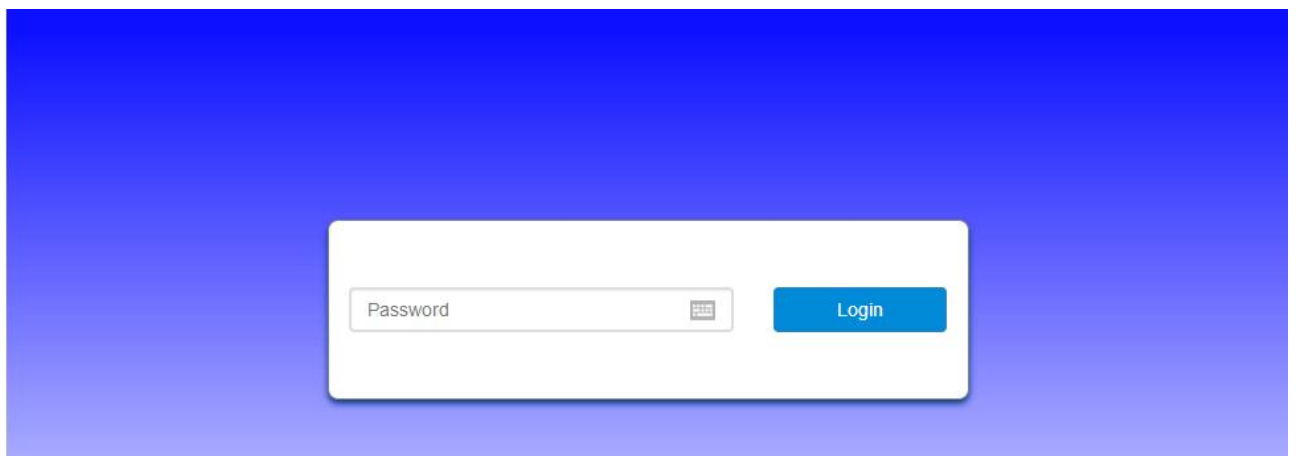
PWR	equipment energized (on)
SYS	system lamp (normal light)
	4 G network signal light (flashing)
	WIFI 2.4G/5.8G wireless start (always on)
LAN(1-4)	Network data access

Login Management Page

The default SSID of this device is "Home-link-××××" or "MIFI-××××"(×4 bits after device MAC), wireless password is :1234567890

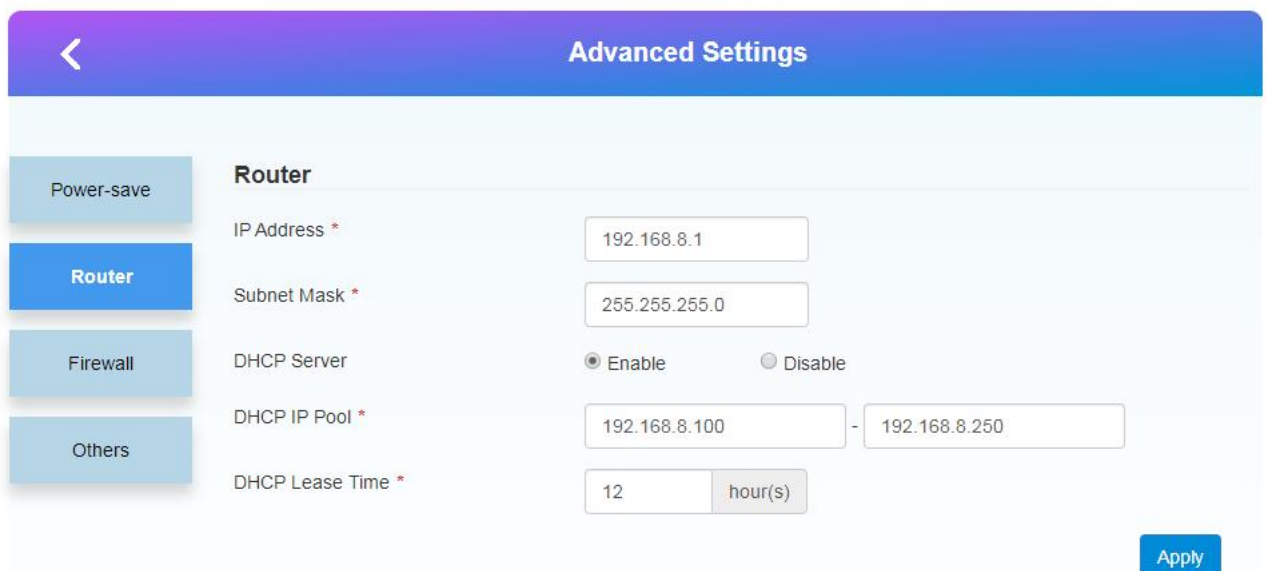
① Login through management IP

The default management address of the device is "192.168.8.1", the password "admin ", open the browser to enter the default ip address" http://192.168.8.1", enter the default password login

A screenshot of the login management page. It features a white login box centered on a blue gradient background. The box contains a text input field labeled "Password" with a small eye icon to its right, and a blue "Login" button to the right of the input field.

Configure the native IP address

Through the default IP login, select "**system settings**" → "**router**", according to their own needs to modify the IP address of the device login.

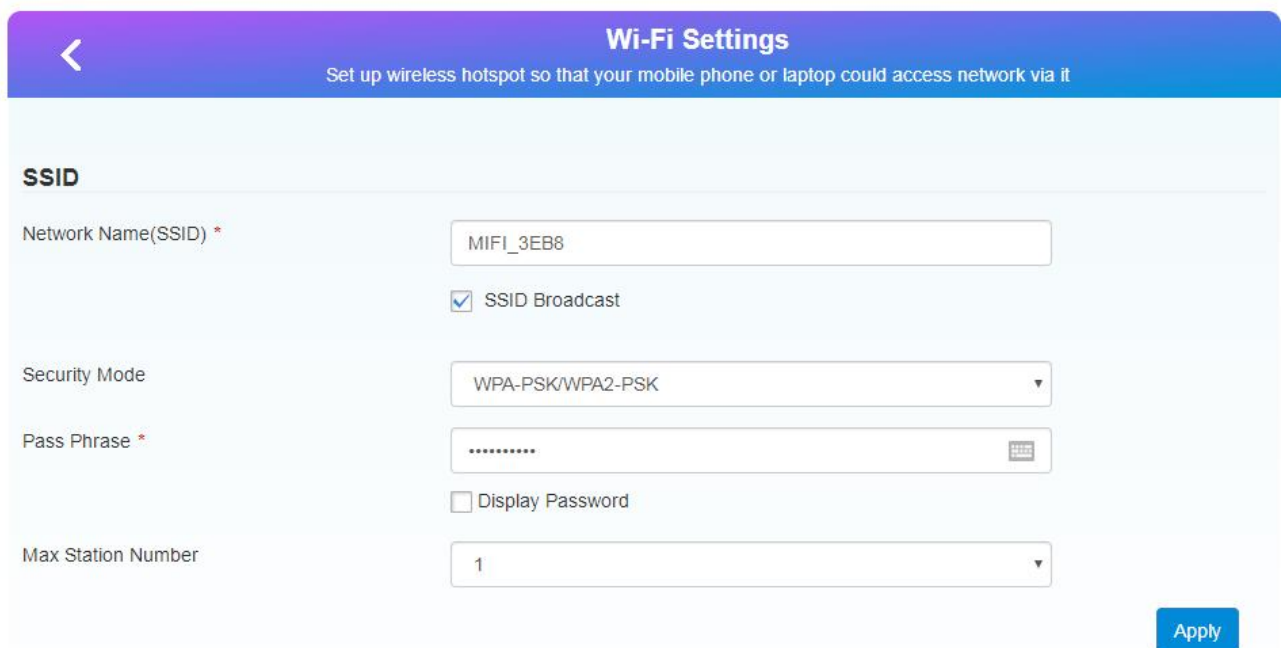
A screenshot of the "Advanced Settings" page, specifically the "Router" configuration section. The page has a blue header with a back arrow and the title "Advanced Settings". On the left, there is a sidebar with four menu items: "Power-save", "Router" (which is highlighted in blue), "Firewall", and "Others". The main content area is titled "Router" and contains several configuration fields: "IP Address *" with a value of "192.168.8.1", "Subnet Mask *" with a value of "255.255.255.0", "DHCP Server" with radio buttons for "Enable" (selected) and "Disable", "DHCP IP Pool *" with a range from "192.168.8.100" to "192.168.8.250", and "DHCP Lease Time *" with a value of "12" and a unit of "hour(s)". An "Apply" button is located in the bottom right corner.

Set the Wireless Password

① Configuration and modification

Device default password is too simple, for your network security recommendations to modify the wireless password after use.

Choose to click on the home page "**network settings**" → "**set wireless intranet**", set the wireless name, wireless password (password recommended at least 8 digits), the maximum number of access default 32 bits do not need to set, click on the application.



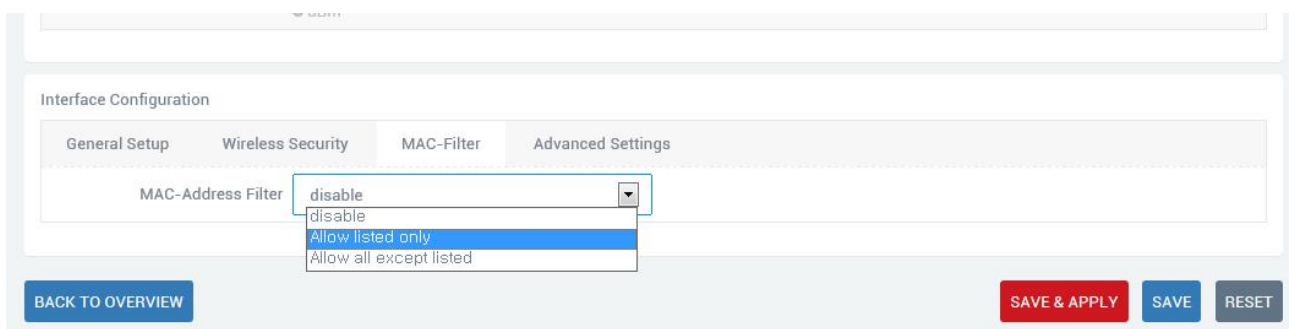
The image shows the 'Wi-Fi Settings' page in a mobile application. At the top, there is a blue header with a back arrow and the title 'Wi-Fi Settings'. Below the header, a subtitle reads: 'Set up wireless hotspot so that your mobile phone or laptop could access network via it'. The main content area is light blue and contains several settings:

- SSID**: A section header.
- Network Name(SSID) ***: A text input field containing 'MIFI_3EB8'.
- SSID Broadcast**: A checked checkbox.
- Security Mode**: A dropdown menu showing 'WPA-PSK/WPA2-PSK'.
- Pass Phrase ***: A text input field with masked characters (dots) and a password strength icon.
- Display Password**: An unchecked checkbox.
- Max Station Number**: A dropdown menu showing '1'.

An 'Apply' button is located at the bottom right of the settings area.

② Configuration MAC- filtering

To more secure wireless network security use access routing advanced page operation: select ordinary home page "**advanced management**" → enter password "**admin**" → "**network**" → "**wireless**" click red font "**modify**" → interface configuration "**MAC- filtering**" can.



The image shows the 'MAC-Filtering' configuration page within the 'Interface Configuration' section. At the top, there are tabs for 'General Setup', 'Wireless Security', 'MAC-Filter', and 'Advanced Settings'. The 'MAC-Filter' tab is selected. Below the tabs, there is a 'MAC-Address Filter' dropdown menu. The dropdown is open, showing four options: 'disable', 'disable', 'Allow listed only', and 'Allow all except listed'. The 'Allow listed only' option is highlighted in blue. At the bottom of the page, there are three buttons: 'BACK TO OVERVIEW' (blue), 'SAVE & APPLY' (red), 'SAVE' (blue), and 'RESET' (blue).

Configuration of Internet access

① WAN settings

Login system "**advanced management**" select "**network** "-" **interface** "-" **WAN**" set up the Internet access mode, there is "**automatic access** / **fixed IP**" common Internet access mode according to their own needs to configure the correct Internet access mode.

- Automatic Access (default)

Select **DHCP client mode** and the device will automatically get the IP address from the ISP(network server provider. Select this connection when the ISP does not provide any IP network parameters and connect to the Internet without any settings.

The screenshot shows the 'WAN' tab selected in the 'Interfaces - WAN' configuration page. The 'Common Configuration' section has four tabs: 'General Setup', 'Advanced Settings', 'Physical Settings', and 'Firewall Settings'. The 'General Setup' tab is active, displaying the 'Status' (RX: 0 B (0 Pkts.), eth10 TX: 0 B (0 Pkts.)), 'Protocol' (DHCP client), and 'Hostname to send when requesting DHCP' (empty field). At the bottom, there are three buttons: 'BACK TO OVERVIEW', 'SAVE & APPLY', and 'SAVE'.

- Fixed IP Access

Select the "**static address**" input operator provided (IP/ subnet mask / gateway) can be saved.

The screenshot shows the 'WAN' tab selected in the 'Interfaces - WAN' configuration page. The 'Common Configuration' section has four tabs: 'General Setup', 'Advanced Settings', 'Physical Settings', and 'Firewall Settings'. The 'General Setup' tab is active, displaying the 'Status' (RX: 0 B (0 Pkts.), eth10 TX: 0 B (0 Pkts.)), 'Protocol' (Static address), 'IPv4 address' (empty field), 'IPv4 netmask' (empty field), 'IPv4 gateway' (empty field), 'IPv4 broadcast' (empty field), and 'Use custom DNS servers' (empty field). At the bottom, there are three buttons: 'BACK TO OVERVIEW', 'SAVE & APPLY', and 'SAVE'.

② 3G/4G Internet access

The routing system automatically dials after inserting the SIM card, and the advanced management page "**status** "-" **overview**" obtains the relevant IP address, MAC address, signal and other information to indicate the dialing success.

Status	
System	
Modle	MINI4GM
Version	v3.3
VersionDate	
Local Time	2021-07-07 07:05:38
MAC	C6:EE:A6:0C:3E:B8
Uptime	0h 28m 21s
Load Average	2.72, 2.85, 2.21
4G	
modle	ec20t
card	SIM Card OK
signal(2~31)	27,99
Network	
IPv4 WAN Status	
	Type: 3g
	Address: 10.225.25.188
	Netmask: 255.255.255.255
	Gateway: 10.64.64.64
	DNS 1: 120.80.80.80
DNS 2: 221.5.88.88	
Connected: 0h 28m 10s	
Active Connections	
296 / 16384 (1%)	

Tip:

- default, the WAN port does not access the network cable or the WAN port network interruption, all the Internet data will go to the network 3G/4G; when the detection of WAN port access network or restore the network data then 3 data stop, WAN port access is preferred.
- if 3G/4G operators have special requirements, need to fill in APN server related information.
(or request details of the private network card from the vendor)

Restoration of factory settings

When you forget to manage the password, unable to log on to the device, equipment configuration anomalies after restoring the factory configuration of this device

- method 1: when the system is running normally, press the router's Reset button with a sharp object for at least 6 seconds, waiting for the device to restart.
- method 2: select enter the **"System"** - **"Backup/Flash firmware"** and click **"reset"** button.

The screenshot shows a web interface titled "Backup / Restore". It contains several sections: 1. "Download backup:" with a red button labeled "GENERATE ARCHIVE". 2. "Reset to defaults:" with a grey button labeled "PERFORM RESET". 3. "To restore configuration files, you can upload a previously generated backup archive here." followed by a "Restore backup:" section with a text input field, a "浏览..." (Browse...) button, and a red "UPLOAD ARCHIVE..." button. 4. "Flash new firmware image" section with instructions to upload a sysupgrade-compatible image. It includes a "Keep settings:" checkbox (which is unchecked) and an "Image:" section with a text input field, a "浏览..." (Browse...) button, and a red "FLASH IMAGE..." button.

Frequently Asked Questions

Web manage the background address and default password

Router background management address is 192.168.8.1, default management password is admin

Why is WAN port inserted into the external network cable, but still unable to access the Internet?

Check whether the external network data is normal, such as the selection of fixed IP Internet mode to check whether the configured IP server is ping normal.

Why the traffic card device is not connected

Check whether the flow card is in normal condition and whether the card binding causes the card separation to require the operator to unbind.