



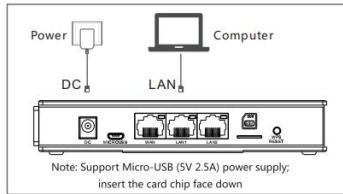
Quick Installation Guide



Wireless Router
M0305405 V4.0

1 Connection Diagram

1.1 Connection Diagram



1.2 Set the computer to obtain the IP address automatically, and connect the LAN port of the device to the device management interface.

2 4G Internet Mode Setting

(1) The factory default mode is 4G Internet access mode.
(2) Insert the MACRO SIM according to the device mark before power on.
(3) Power on the 4G router, and connect to the WiFi SSID(Default SSID is: WiFiSKY-XXXX, XXXX is the last 4 digits of the MAC,default WiFi password is: 12345678), or users can connect the LAN port to the PC via a network cable.(4) Open the browser, enter 192.168.0.1 (the mobile terminal can automatically pop up), set the login password (Default password:admin), and enter the page to check if the 4G router has read the SIM card.

Normal read status:

Status
Device Info
MAC: 40:A5:EF:12:45:56
Model: WS-R642
Version: V2.6
4G
Carrier: China Mobile
Network: LTE
RSSI: -57dbm

Unread to SIM:

Status
Device Info
MAC: 40:A5:EF:12:45:56
Model: WS-R642
Version: V2.6
4G
No SIM card detected

(5) If read normally, you need to modify the wireless SSID and password. Enter the menu bar on the left, Network Management - Modify the wireless settings, click on the settings after modifying.

Note:

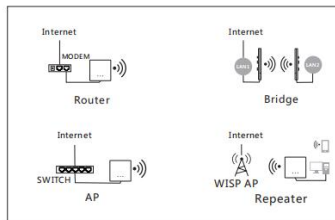
1. If the SIM card is not read: (1) First check if the SIM card is inserted in the direction of the mark (2) Check if the SIM card has a PIN lock. If there is a lock, please unlock the SIM card with the mobile phone first.
2. Individual operators may prompt Unknown, but the network access information and signals are normal. This does not affect the Internet access.
3. If your card needs to manually set the APN account, please refer to the manual Router Set 4G mode.

3 Other Mode Internet Settings

3.1 The steps to enter the set interface are as follows:
(1) Under default configuration, power on the device and wait 90 seconds until the device to start.
(2) Connect the device's LAN port with the computer by a network cable.
(3) Input 192.168.0.1 in the web browser to enter the set interface.
(4) When you login at the first time, you need to set a password (Default password:admin). The device language is compatible with Chinese and English to choose, and you can set up the language by the top right corner icon.



3.2 When getting into the setting page, there are four working modes in the Wizard: AP Mode, Bridge Mode, Router Mode, Repeater Mode.



3.3 Click AP mode and set up IP Address and Subnet Mask. The IP address and Subnet mask should be within the same network segment as upper network and can't be conflict with IP address from upper network router. After settings, you can visit the device from the IP address you have set just now by connecting internet with LAN port of the device.

- ③Notes: In AP mode, the IP address from the other devices connected the AP will be allocated by the upper network router.
④The device itself needs to set an internal network IP address (do not set it with the superior routing gateway The same IP address), you need to change the acquisition method of the PC network card connected to this AP to static IP; the static IP address must be the same network segment as the AP but not equal.

Lan Settings	Wireless	Finish
IP Address	192.168.0.1	
Subnet Mask	255.255.255.0	
Next		

3.4 AP mode: You can set up 2.4G wireless SSID, password, channel and country in advance. After setting up, the device's LAN port connected internet, other mobile devices can connect the SSID to surf the internet.

Lan Settings	Wireless	Finish
2.4G Wireless		
SSID	WiFiSky_5584	
Password		
Country	China	
Bandwidth	20MHz	
Channel	auto	
Prev Next		

3.5 Bridge Mode: The device can set the intranet IP, select the wireless SSID signal that you need to bridge, and enter the password.
① Note: In Bridge mode, the access to the external network, the network segment of the IP address obtained by other mobile devices accessing the AP is assigned by the superior.
② According to the default setting, you can also set the device-specific intranet IP address. If you need to manage the device, you must manually set the IP address of the computer's locally connected network card.

(1) LAN network IP setting (This IP address can be the management IP).

Lan Settings	Bridge Settings	Wireless	Finish
Lan Settings			
IP Address	192.168.0.1		
Subnet Mask	255.255.255.0		
Next			

(2) Click scan, search and select the wireless SSID that you want to bridge, and enter the wireless password.

Lan Settings	Bridge Settings	Wireless	Finish
Bridge Settings			
Local SSID	WiFiSky		
SSID	WiFiSky		
Password			
Prev Next			

(3) Set the SSID name and password of the 2.4G of the AP.

Lan Settings	Bridge Settings	Wireless	Finish
2.4G Wireless			
SSID	WiFiSky_5584		
Password			
Prev Next			

3.6 Repeater Mode: The device can set the internal network segment (the gateway IP should not be the same as the upper device gateway IP). Next, select the name of the wireless SSID signal that you need to relay.

Lan Settings	Repeater Settings	Wireless	Finish
Lan Settings			
IP Address	192.168.0.1		
Subnet Mask	255.255.255.0		
Next			

Pls set the SSID and password for the device and click "Next" to finish settings.

Lan Settings	Repeater Settings	Wireless	Finish
2.4G Wireless			
SSID	WiFiSky_5584		
Password			
Prev Next			

3.7 Router Mode: There are four ways to surf the internet: PPPoE, 4G, Static, and DHCP.

4G Mode: In this mode, you can select automatic APN or manually set the APN account (the APN account is provided by the operator).

WiFi Settings	4G	PPPoE	Static	DHCP
4G Settings				
APN Center	China			
APN	3gnet			
Username	admin			
Password	admin			
Next				

Pls set the SSID and password for the device and click "Next" to finish settings.

WiFi Settings	4G	PPPoE	Static	DHCP
2.4G Wireless				
SSID	WiFiSky_5584			
Password				
Prev Next				

Maintenance regulations

Dear Customer: Hello!
Thank you for purchasing WiFiSky product. To protect your after-sales service rights, please read the following maintenance regulations carefully.

The following situations are not within the scope of free maintenance, our company can provide paid services, please note meaning:

- Failure to install, use, maintain, and store in accordance with the instruction manual causes product failure or damage.
- Exceeding the warranty period and warranty period; altering or tearing up the product barcode without authorization.
- Unauthorized modification of its own inherent setting files or unauthorized disassembly.
- Accidental factors or man-made damage to the product, such as input improper voltage, high temperature, water ingress, mechanical damage, breakage, severe oxidation or rust, etc.
- The customer sends back the damage caused by transportation, loading and unloading during the repair. Due to force majeure such as Product failure or damage caused by earthquake, fire, lightning, etc. other than the product itself failure or damage caused by design, technology, manufacturing, quality and other issues.



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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