

Smart IOT 4G Router

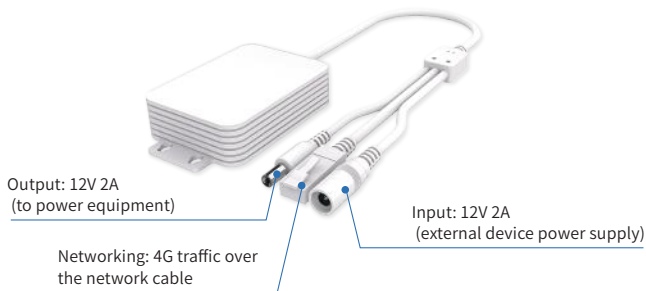
User Guide



Device Overview

Smart IOT 4G Router supports vSIM technology, which can be used without inserting a SIM card to do the various ways of supplying network, comes with global traffic from 150+ countries, free switching of multi-country and multi-operator, shopping center to buy global traffic, and the best network coverage of single-country and multi-operator.

It also supports network cable and WiFi, no matter what brand of camera, as long as there is a network port and WiFi, it will become a 4G camera in seconds after plugging it in, and it will become a 4G router directly after accessing the ordinary switch, which brings convenient user experience.



Ports and keys

DC	Power Input Connector	Connection to equipment power supply
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DC	Power Input Connector	Connection to other products and equipment
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RJ45	Network output interface	Device Connected to Network
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Indicators



The device is powered on, the two-color light red light is always on



Green light is always on when 4G connection is normal



WiFi normal operation dual-color light blue light is always on



Green light blinks when the device has no traffic orders

Device Specifications

Features	Specifications
Colour	White
Size	74.8mm×54.8mm×21mm
Weight	76.1g
Electricity Supply	9-12V  2A (Typical 12V)
DC/RJ45	1*1RJ45 connector (crystal head), 1*DC connector, 1 output
WiFi	802.11 b/g/n 2.4G
WiFi Hotspot Sharing	Maximum of 10 terminals
Band (TR10)	EA:LTE-TDD: B38/B40/B41 LTE-FDD: B1/B3/B5/B7/B8/B20
	NA:LTE-TDD: B40/B41 LTE-FDD: B2/B4/B5/B7/B12/B13/B17/ B25/B26/B66
	JP:LTE-TDD: B41 LTE-FDD: B1/B3/B8/B18/B19/B26/B28
Band (TR40)	WCDMA: B1/B2/B4/B5/B8 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B17/B18/B19/ B20/B25/B26/B28AB/B66 LTE-TDD: B34/B38/B39/B40/B41
4G and wired WiFi backup each other	Supports simultaneous connection to 4G wireless network and wired broadband network, and supports both of them to each other. Can be configured to prioritize the use of a 4G wireless network, or prioritize the use of a wired broadband network.

Application Scenario



- Switches become 4G routers in seconds.
- Wired and WiFi IoT devices become 4G connected in seconds.

Steps to use the Device

Step 1: Device Startup

- 1.1 Connect power to the device, the dual-color light red light is on, within one minute the device WiFi is activated, the dual-color light blue light is on.
- 1.2 If the green light of the device is flashing, the device has no traffic order or the network has not been registered successfully, if there is no traffic order, please purchase the traffic order by scanning the upper QR code of the device, if there is an order, please wait for the device network to be registered successfully.
- 1.3 When the green light of the device is on for a long time, the network registration of the device is successful, and the power output port and network interface of the device will be connected to other external devices or connected to the device WiFi for use.

Step 2: Purchase a traffic package

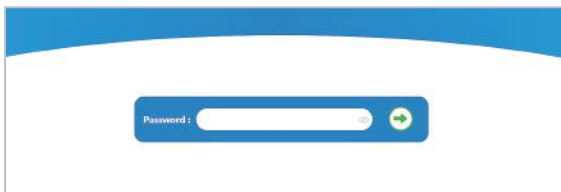
- 2.1 Scan the QR code on your device to enter the mall.
- 2.2 Click “Device” on the bottom bar to scan the QR code again to bind the device.
- 2.3 Click “Subscription Packages” on the homepage or “Packages” on the bottom bar to enter the shopping page, select the desired package, and click the “+” sign to enter the package details page.
- 2.4 To check the traffic usage during use, click “Start time” or “End time” on the package details page to enter the date selection, select the start and end time on the calendar, and click “OK”. Click the “OK” button to confirm the total number of days and activated devices, and then click “Pay” to complete the payment.
- 2.5 Please reboot the device after purchasing the traffic package for the new traffic package to take effect.

Equipment Management

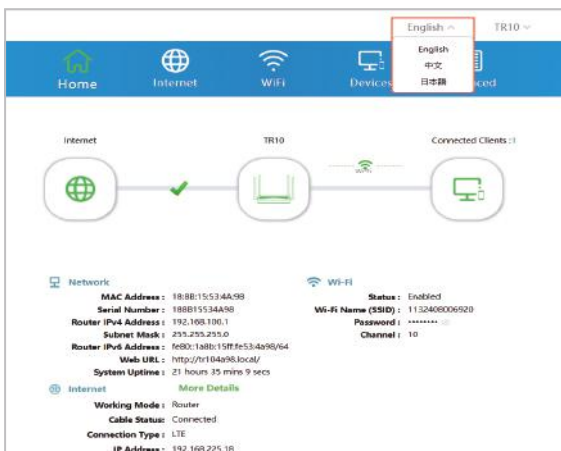
Use a wireless device such as a cell phone or computer to connect to the Wi-Fi name of this device, the device Wi-Fi name defaults to the SSID number, see the device label for the default password.

Login via admin IP

1. The default management address of the device is “**192.168.100.1**” and the password is “**admin**”.
2. Open the browser and enter the default management IP address 192.168.100.1 to enter the login interface and enter the password to login.



3. After logging in the homepage, you can see the basic information of the network, and you can switch the language in the upper right corner.



Change Administrator Password

In the main page of the router, click “Advanced”, then click “System”, select “Administrator”, and change the administrator login password in the administrator settings.

The screenshot shows the router's web interface. At the top, there are tabs for Home, Internet, WiFi, Devices, and Advanced. The Advanced tab is selected. Below the tabs, there are sub-tabs for Status, Network, WiFi, Security, and System. The System sub-tab is selected. On the left sidebar, there is a list of options: Time, Admin (selected), Log Info, System Log, Systems, Firmware Upgrade, Ping Test, and Tracer Test. The main content area is titled 'Admin' and contains a message: 'The admin account can change all router settings. To keep your router secure, you should give the admin account a strong password.' Below this is the 'Administrator Settings' section with two input fields for 'Password' and 'Confirm Password', and a 'Save' button.

Change the Default Administrative IP Address and IP Address Pool Settings

You can change the range of IP address pool by modifying the “DHCP-assigned IP start value and DHCP-assigned IP end value” in the “Network” screen.

The screenshot shows the router's web interface. At the top, there are tabs for Home, Internet, WiFi, Devices, and Advanced. The Advanced tab is selected. Below the tabs, there are sub-tabs for Status, Network (selected), WiFi, Security, and System. On the left sidebar, there is a list of options: Network (selected), Reserve IP, LAN IPv6, IPv4 Routing Table, IPv6 Routing Table, and ARP Table. The main content area is titled 'Network' and contains a message: 'These are the IP settings of the LAN interface for the Device. These settings may be referred to as Private settings. You may change the LAN IP address if needed. The LAN IP address is private to your internal network and can not be seen on the Internet. If you do not want the device to automatically assign addresses, click Disable DHCP Server to disable this feature.' Below this is the 'Router Settings' section with the following fields: Router IP Address (192.168.100.1), Subnet Mask (255.255.255.0), a radio button to Disable DHCP Server (unchecked), a radio button to Enable DHCP Server (checked), DHCP IP Address Range (192.168.100.100 - 192.168.100.249), DHCP Lease Time (1 Days), Default GW (empty), and DNS Type (Auto).

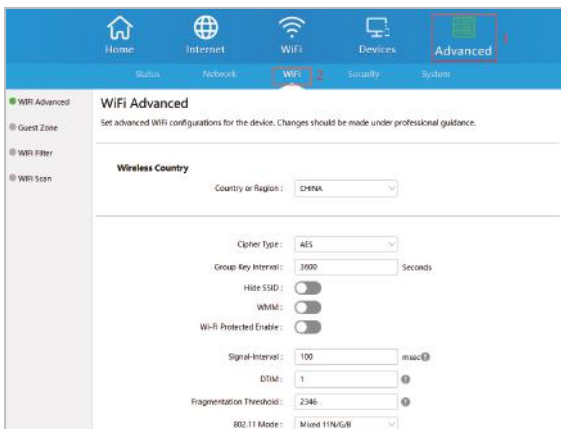
Changing WiFi Related Settings

1. Click **“Wireless”** on the main page of the router to modify the WiFi SSID and encryption method, wireless password, WiFi status on or off.



The screenshot shows the router's main configuration page. At the top, there is a navigation bar with icons for Home, Internet, WiFi, Devices, and Advanced. The WiFi icon is highlighted. Below the navigation bar, the WiFi settings are displayed. The Status is turned on (indicated by a green toggle). The Wi-Fi Name (SSID) is 1132408006920. The Password is masked with asterisks. The Security is set to WPA/WPA2. A Save button is at the bottom.

2. **“Advanced”**—**“Wireless”** can modify the WiFi bandwidth, channel and other settings.



The screenshot shows the router's WiFi Advanced settings page. The navigation bar at the top has icons for Home, Internet, WiFi, Devices, and Advanced. The Advanced icon is highlighted. Below the navigation bar, the WiFi Advanced settings are displayed. The page title is "WiFi Advanced". A note says "Set advanced WiFi configurations for the device. Changes should be made under professional guidance." The settings include: Wireless Country (Country or Region: CHINA), Cipher Type (AES), Group Key Interval (3000 Seconds), Hide SSID (toggle off), WMM (toggle off), Wi-Fi Protected Enable (toggle off), Signal Interval (100 ms), DTIM (1), Fragmentation Threshold (2346), and 802.11 Mode (Mixed 11N/G/B).

Frequently Asked Questions

What is the address and default admin password of the web administration page?

The router's background administrative address is 192.168.100.1 and the default administrative password is admin.

How do I restore my router to its factory settings?

When the system is running normally, log in to the Web Admin page and select "Reset" from the TR10 drop-down list in the upper right corner.

FCC Warning

This device 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 Warning

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

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