



Shanghai Tuge Data Technologies TR200 Wireless Router User Guide

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Wireless Router User Guide



TR200 wireless router introduction

Thanks for choosing TR200 4G wireless router, please read the user manual carefully so that it will be more convenient for you to use the router.



TR200 is LTE wireless router, and this router support cloud-SIM technology, so a physical SIM card is not required. When the router is powered on, it will dynamically allocate a SIM card. This router support multiple wireless networks and dynamic chooses the best LTE network so as to provide best service.

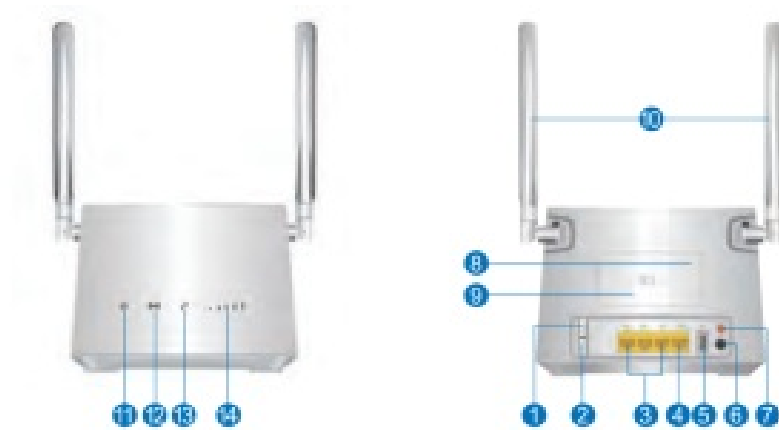
TR200 wireless router specification

Feature	Description
Bands	4G FDD LTE: B1/2/3/4/5/7/8/12/13/17/20/25/26/66 4G TDD LTE: B38/39/40/41 3G WCDMA/HSPA: B1/2/4/5/8 2G GPRS/EDGE: B2/3/5/8
Peak Throughput	CAT 6: DL 300Mbps UL 50Mbps Intra and Inter bands CA (carrier aggregation)
LTE antenna	Built-in antenna & external antenna (optional)
WiFi	802.11 b/g/n/ac Dual-band 2.4G & 5G 32 concurrent connection users
LAN/WAN	4 LAN interface (10M/100M/1000M auto-sensing) 1 WAN/LAN interface (adjust by configuration)
Dimension	180mm*132mm*48mm
Weight	< 500g
Power	AC: 100V~240V,50Hz~60Hz DC: 12V/2A Battery: 2000mAh (optional)

Note:

Listed wireless data transfer rates are the theoretical maximum. The actual data transfer rate may vary depending on the network environment and carrier's coverage.

TR200 wireless router interface



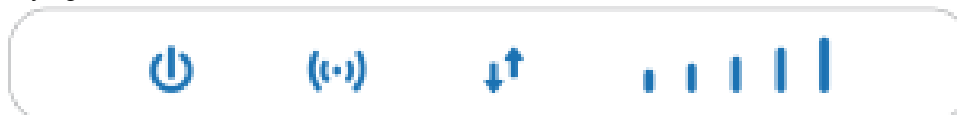
<p>WPS Button</p> <p>LAN Port</p> <p>USB port</p> <p>Power Switch</p> <p>SIM Card</p> <p>Power LED</p> <p>LTE LED</p>	<p>WLAN ON/OFF Switch</p> <p>WAN/LAN Port</p> <p>DC Power</p> <p>Reset Button</p> <p>External Antenna</p> <p>WiFi/WPS LED</p> <p>LTE Signal Strength LED</p>
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Note:

Port 4 is used as a WAN port by default, if you need to use it as LAN, you need to modify the configuration of the port function through the configuration of the router.

Product display light introduction

Device front display light



Type	Status	Description
Power 	Blue On	Power normal, the router is powered on
	Blue Off	Power abnormal, the router is powered off
	Orange On	Powered by internal battery C
WLAN 	Blue On	WiFi is opened and has a data transmission
	Blue blink	WPS function is ON
	Blue Off	WiFi closed
Internet 	Blue	Connected the internet
	Red	Not connected
Signal 	One	The Signal is poor
	Two	Signal is moderate
	Three	Signal is good
	Four	Signal is good
	Five	A signal is very good

The built-in battery is an optional part.

Installation Guideline



- Turn off the router and unplug the power adapter before installing any external panel antenna.
- The router prefers to use the built-in antenna unless an external antenna is installed.
- Only use external antennas provided in this package or by your carrier.
- Do not place the external remote antenna in the outdoor, and do not use the external remote antenna in thunderstorms.

Quick Configuration Guide

The router supports connecting with computer via standard RJ45 cable or WiFi, supports OS as following: Windows XP/Windows 7/Windows 8/Window 10/MAC OS/Linux/Android, and so on.

Insert SIM card (optional).

This wireless router supports Cloud-SIM technology, the device will automatically be allocated SIM card resources from the network and provide an Internet connection when it is powered on. If you have your own SIM card and want to use your own SIM card, you can insert your SIM card in the SIM card slot. When a physical SIM card is installed, the router will give priority to the physical SIM card.

Power on the router.

Configure the WiFi SSID and password.

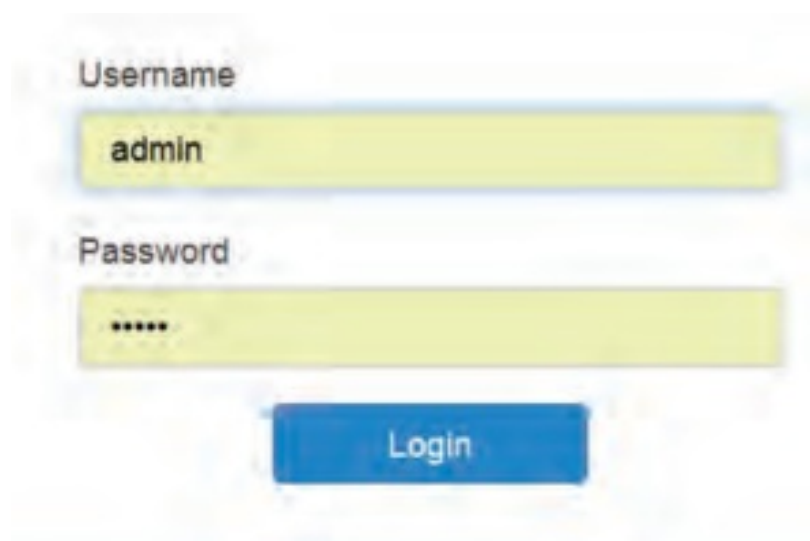
- Once the WLAN indicator is blue on and the Internet indicator is blue, you can surf the internet on your smartphone, laptop, tablet or PC, via WiFi or LAN connection with the TR200 router .
- Using a WiFi connection, you need to choose the SSID of the TR200's 2.4G or 5G WiFi and configure the password of WiFi on the smartphone, laptop, tablet, or PC. The default WiFi name (SSID) and password are provided on the device sticker label on the back of the router.
- Use LAN connection, please connect the LAN port on TR200 router with PC's LAN port and configure the LAN obtaining IP and DNS by DHCP.

Change the WiFi SSID or password (optional).

- The default WiFi name and password are provided on the device sticker label on the back of the router. We recommend that you do not change the WiFi SSID and password to match the information on the label on the back of the device.

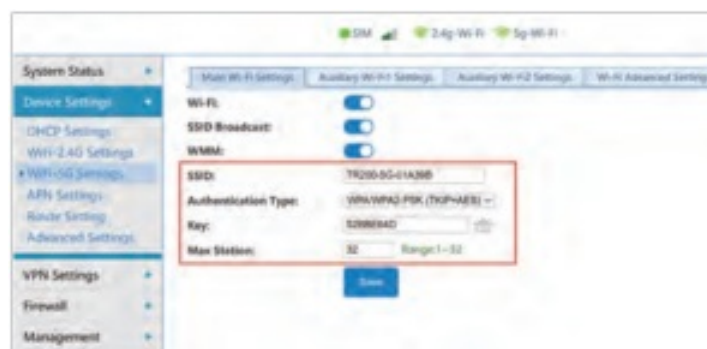
If you want to change the WiFi SSID and password, please follow the instruction as follows:

- On a smartphone, tablet, laptop or PC which is connected with a TR200 router, open a web browser and type the default gateway IP address "192.168.0.1".
- Click the "Login" in the upper right corner to access the user page using the username and password indicated at the device sticker at the bottom. (default username: admin, default password: admin)



The image shows a login form with two input fields. The first field is labeled "Username" and contains the text "admin". The second field is labeled "Password" and contains six asterisks "*****". Below the password field is a blue button labeled "Login".

- change the WiFi configuration. (SSID, password, etc)



The image shows the WiFi configuration page in the router's web interface. The left sidebar contains a menu with options: System Status, Device Settings, DHCP Settings, WiFi-2.4G Settings, WiFi-5G Settings, APN Settings, Router Settings, Advanced Settings, VPN Settings, Firewall, and Management. The main content area has tabs for Main Wi-Fi Settings, Auxiliary Wi-Fi-1 Settings, Auxiliary Wi-Fi-2 Settings, and Wi-Fi Advanced Settings. The Main Wi-Fi Settings tab is active. It shows several settings: Wi-Fi (checked), SSID Broadcast (checked), WMM (checked), SSID (TR200-5G-11A388), Authentication Type (WPA/WPA2-PSK (TKIP+AES)), Key (S2M8E84D), and Max Station (32). A red box highlights the SSID, Authentication Type, Key, and Max Station fields. A blue "Save" button is at the bottom.

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Package Contents

1. 1×Router
2. 1×Power Adaptor
3. 1× LAN RJ45 Cable (1m)
4. 1×User Manual
5. 2×External Antenna
6. 1×Battery (optional)

Precautions

1. When you remove and insert the SIM card, please ensure the device is powered off.
2. Do not use the equipment in case of lightning and unplug the power adapter.
3. If the device is working fine, do not change the parameter or other functions, if changed and cannot access the Internet, please press and hold the reset button for more than 5 seconds to restore the factory settings and reboot.

Common faults and treatment suggestions

Common faults	Treatment suggestions
The device is powered on but the front panel power light is off.	Check the power adapter whether properly plug in the power cable for any damaged.
Computer local connection is not displayed, cannot successfully ping the IP address of the device, cannot open the WEB page.	Check if the computer's LAN network status obtained successfully, reboot your computer, Clear your browsing history, and plug the LAN port.
Change user page login password or SSID password, but forget the password.	Long press the reset button for more than 5 seconds to restore the factory settings and reboot the device. The default username and password which are listed in the back of the device.

FCC Statement

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. 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.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

Specific Absorption Rate (SAR) information:

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluations of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: This device has also been tested against this SAR limit. This device was tested for typical Body Phantom operations with the Wireless Router kept 0mm from the body. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements and should be avoided.

Documents / Resources

	Shanghai Tuge Data Technologies TR200 Wireless Router [pdf] User Guide TR200, 2AU4T-TR200, 2AU4TTR200, TR200 Wireless Router, Wireless Router, Router
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