

4G Router User Manual

Products Feature

- Use of industrial 4G module, stable, long life, Anti-interference ability.
- Support telecommunications, mobile 4G/3G 2G, support Europe/ US/ Japan/ African 4G standards.
- Support network equipment using wired and wireless WiFi two access methods;
- With wireless router function, the maximum support 10 devices wired and WiFi access (IPC/ phone/ computer);
- Built in WEB client, it supports view the 4G signal strength, modify the login password, wireless login password;
- 4G standards Optional instructions are as follows:
 1. European Standard: Applicable to Europe/ Africa/ most countries in Asia
 2. US Standard: Applicable to South America/ North America
 3. Japanese Standard: Applicable to Japan


Technical Parameter

- 4G main chip: ZX297520M, WiFi chip: RTL8192ES-CG;
- Network type: FDD-LTE, TDD-LTE, WCDMA/HSPA+, TD-SCDMA, GSM/ GPRS/EDGE;
- Operating Frequency: LTE B1/B3/B38/B39/B40/B41, WCDMA 2100/ 900MHz, TD-SCDMA B34/B39, GSM/ GPRS/ EDGE:900/ 1800MHz;
- Rate: FDD-LTE/ TDD-LTE: Up speed 50M/ Down speed 150Mbps
HSPA+: Up speed 5.76M/ Down speed 21Mbps
TD-SCDMA: Up speed 2.2Mbps/ Down speed 2.8Mbps;
- Network port: 4 pcs 10/100M adaptive RJ45 interface, maximum support 10 devices WiFi and wired access
- WiFi standards: 2412MHz-2472MHz, 802.11b/g/n, the maximum transfer rate is up to 300Mbps
- USIM/ SIM card: Micro SIM card
- Power Supply: DC12V, Power consumption: 2.5W

Device Access

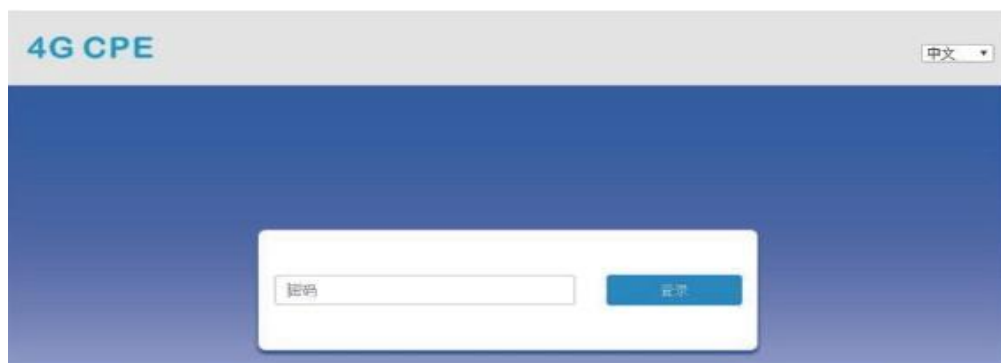
- Power Supply: DC12V/ 0.5A
- Sim card insert: Please use the standard Micro SIM card as showing below:



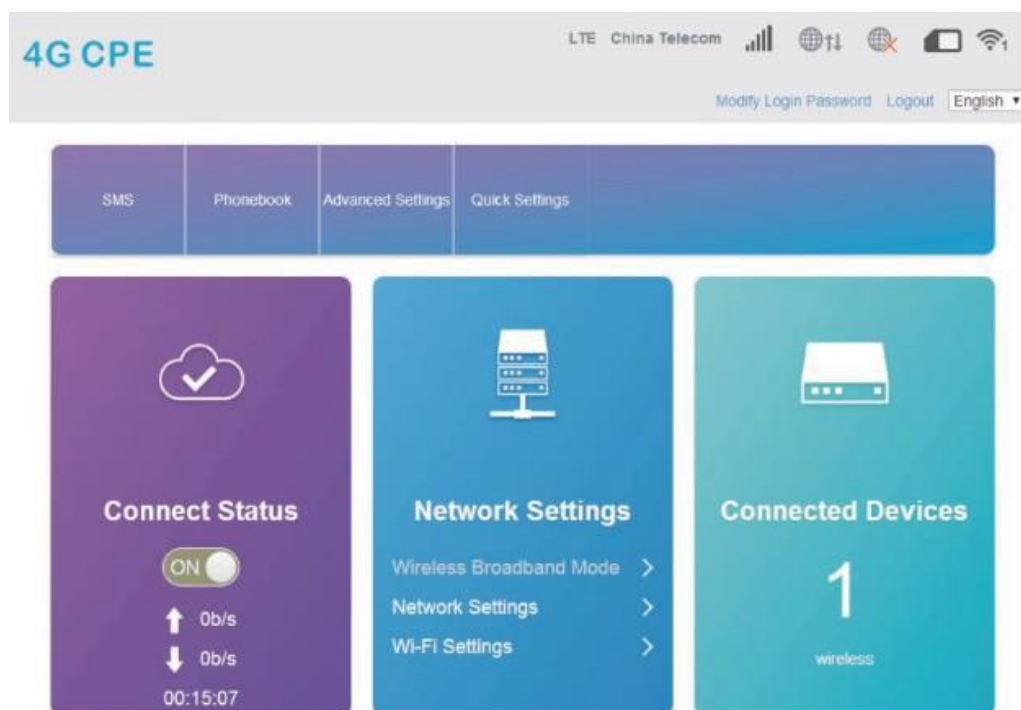
- Wired access: The equipment's cable to be connected to the 4G router RJ45 network port;
- Wireless access: WiFi SSID "MIFI", E.g.  MIFI_7518 click access
Default password of WiFi: **1234567890** (You can modify the password from the WEB)

Function Settings

1. WEB login interface: Please login address: <http://192.168.100.1>
default password: admin, which computer has been connected with 4G router, as shown below:



2. Web management main page:



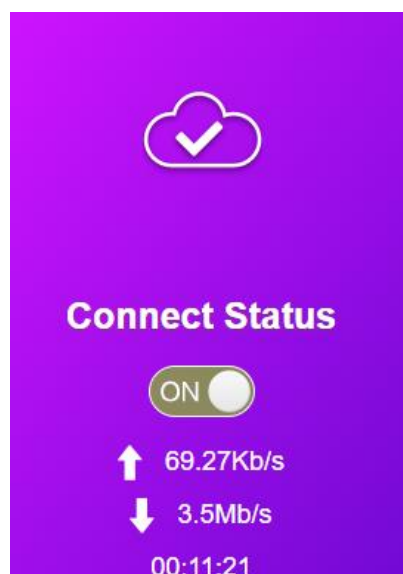
3. Signal Display Area:



- ① Network type;
- ② Operator;
- ③ Signal Strength;
- ④ Wireless connect Status;
- ⑤ Wired connect Status;
- ⑥ SIM Card Status;
- ⑦ Number of users have connected;

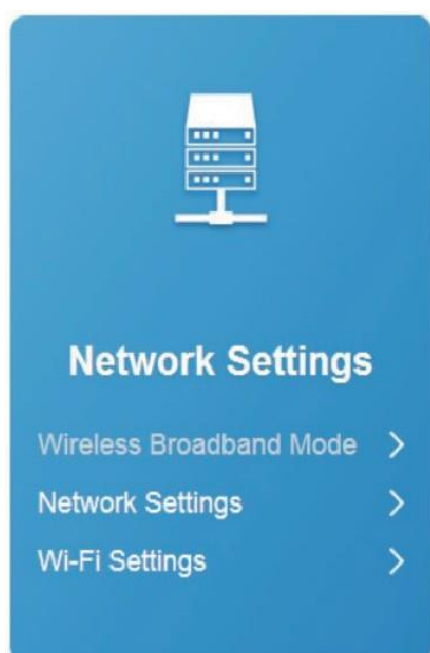
Modify the login password: you can modify the login password from Web.

4. Network connection status area:

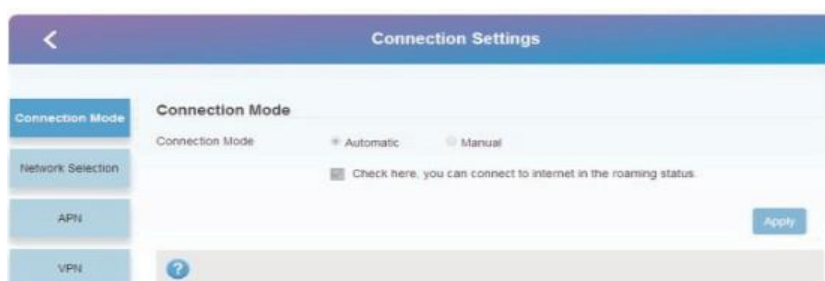


- A. Displays the network connection status;
- B. Network connection: ON/ OFF;
- C. Network upstream bandwidth;
- D. Network downstream bandwidth;
- E. Network connection duration;

5. Network settings area:



1. A. Network settings: click on “network Settings” and enter “connection settings”, we can set “connection mode”, “network selection” “APN setup”, “VPN setup”, as shown below:



2. WiFi settings: click on “WiFi settings”, and enter “” connection settings” we can set “SSID”, “WiFi Switch”, “Network SSID (WiFi)”, “ WLAN MAC Filter” etc.. as shown below:



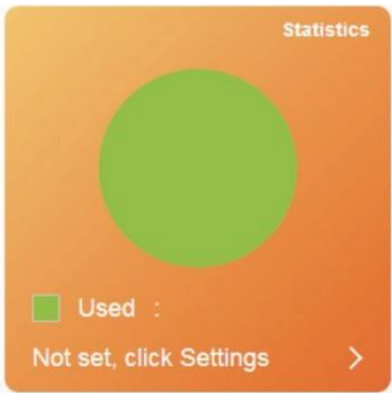
- A. We suggest you should modify the default WiFi password (1234567890);
- B. To prevent the linternet, we suggest you can enabled “Recommended to enable Wireless MAC filtering” function, and select the “white list” rules, add the equipment’s MAC address to white list.

6. Device connection display area

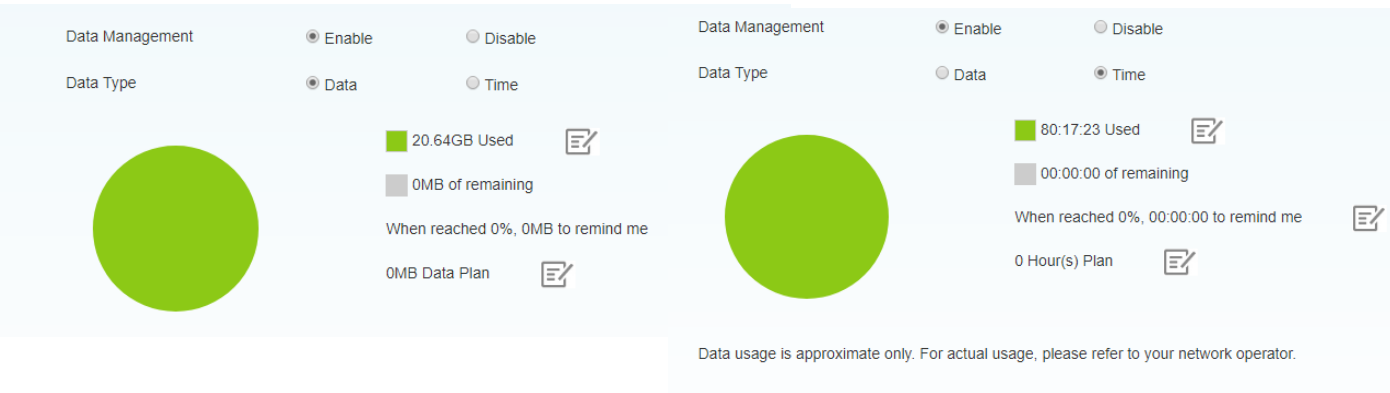


Real-time display the number and states of connected devices.

7. Device connection display area



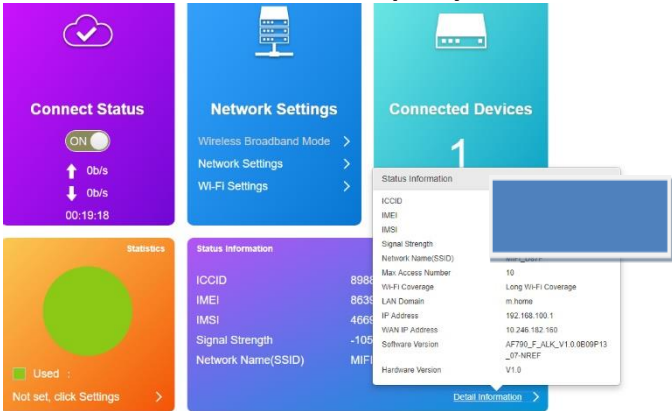
Real-time display the status of flow usage, click the settings can also customize the form of flow package, the number of flow of data management.



8. Status information display area



The status information can display SIM card number, IMEI, IMSI, signal strength, network name (SSID), click “details” can also display more detailed information, as showing below:



9. SMS



Click “SMS” then we can enter “Device SMS”, the interface shows Device/ SIM Card/ Settings. As shown below:

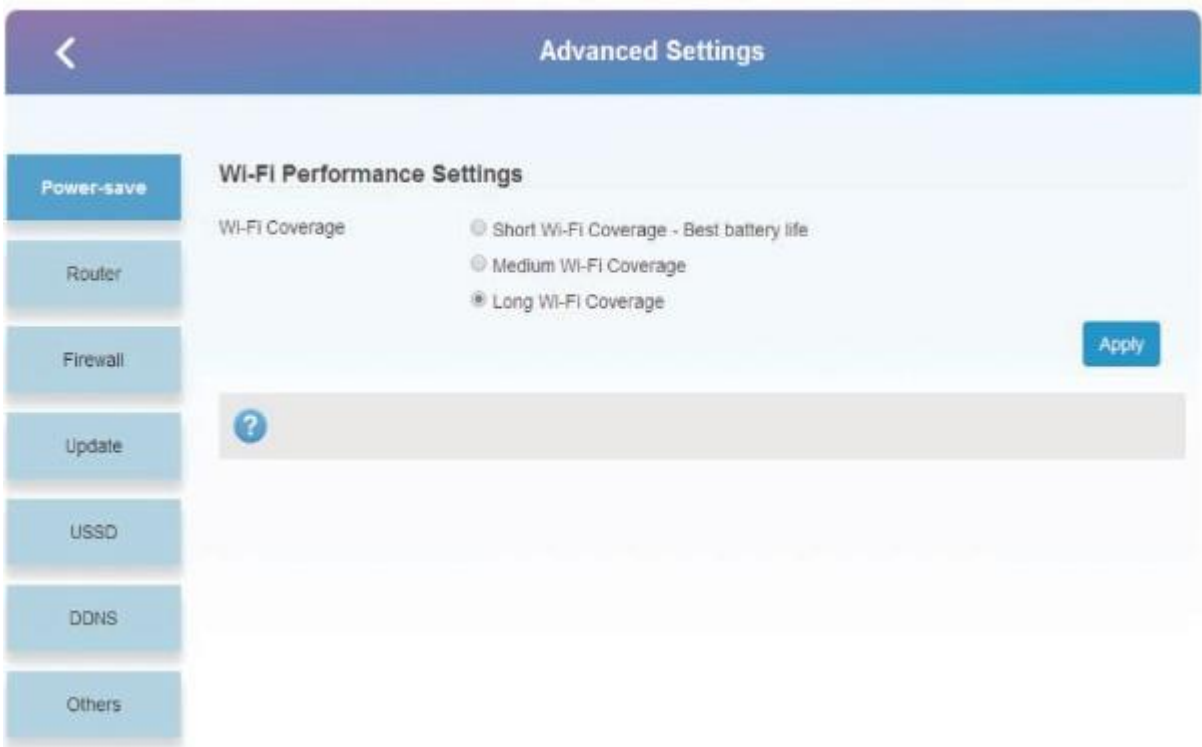


10. Phonebook display area

Click “Phonebook”, the interface will show “List”, “News”, “Send”, as shown below:



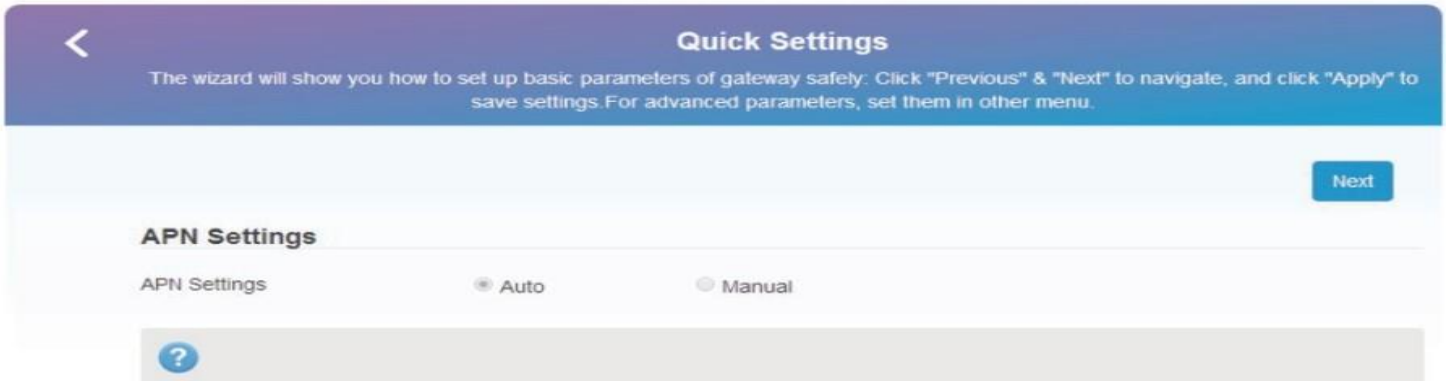
11. Advanced Settings



A. Power-save : It has three selection, you can set up according to your surrounding.

1. Router: Displays the IP address/ DHCP working status and address.
2. Firewall: you can set port filtering, mapping, forwarding, UPnP, DMZ.
3. Update: you can update the 4G router.
4. USSD: you can send USSD instructions.
DDNS: Optional to enable or disable DDNS;
Other: you can set “Device Restart”, “Restore Factory Settings”, “Network Auto Time”.

12. Quick Settings



You can quick to setup some parameters of 4G router.

13. Antenna frequency : The Router has external antenna 5dBi supports 790MHz~2690MHz

14. Application Fields :

- Mobile Broadband,
- Industrial Routing
- Automotive and Transportation
- Green Energy
- Wireless Payment
- Smart Metering
- Personal Tracking
- Car-mounted DVR
- Smart Industry
- Medical Surveillance
- Charging Pile
- Video Surveillance etc.