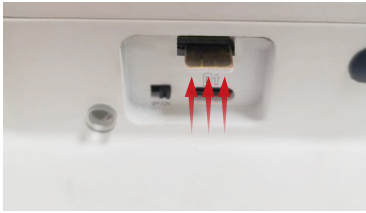# 4G&WIFI Solar  Router

## Products feature

- Use of industrial 4G module, stable, long life, Anti-interference ability.
- 4G all Netcom, support telecommunications, Unicom, mobile 4G support Europe US Japan African 4G standards
- Support network equipment using wired access methods;
- Built in WEB client, it supports view the 4G signal strength, modify the-login password, wireless access password;
- 4G standards 0ptional 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 standards: Applicable to Japan

## Technical parameter

- 4G main chip: ZX297520M;
- Network type: FDD-LTE
- Operating frequency: LTE FDD BAND 2/BAND 4/BAND 5
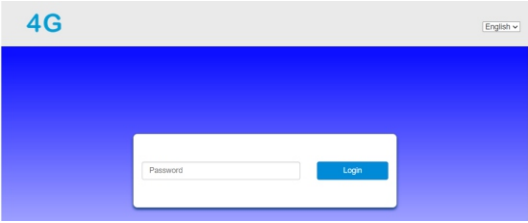- USIM/SIM card: Micro SIM card;

## Device access

- Power supply: DC12V/00.5A
  Date card Inserted: Please use the standard Micro SIM card.  Insert from top to bottom, as shown below
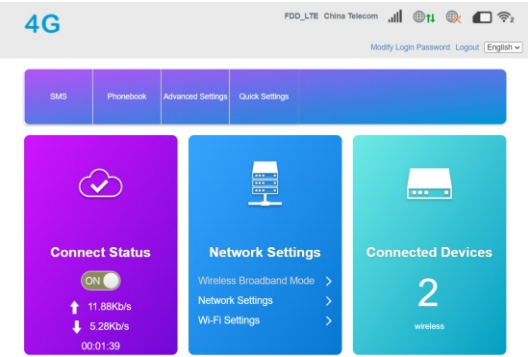
---

- Wired access: The equipment's cable to be connected to the 4G router Rj45 network port; if need multiple devices connected, we can connect the standard network switch with 4G routers connected , and then the devices connected to the network switch.
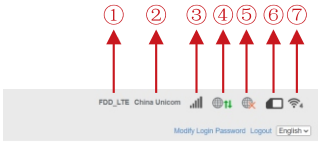
## Function settings

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:

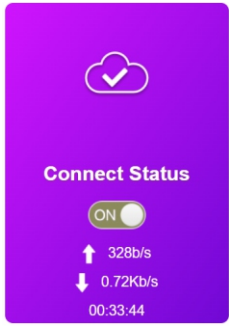2. Web management main page:

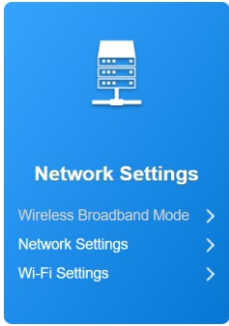3. Signel display area:

① Network type;            ② 0perater;            ③ signel strength
④ Wireless connect Status;            ⑤ Wired connect Status;
⑥ SIM card status;        ⑦Number of users have connected;
Modify the login password: you can monify the login password of Web.

---

4. Network connection status area:

A. Displays the network connecticm status
B. Network connection: on/off:
C. Network upstream bandwidth:
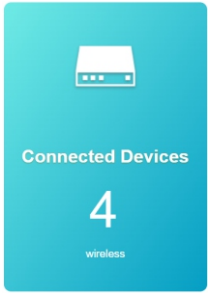D. Network downstream bandwidth;
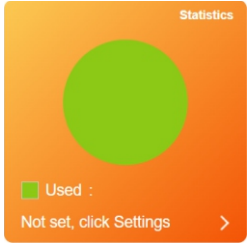E. Network connection duration.

5. Network settings area:

A. Netword settings: click on "network settings" and enter "connectionsettings", we can set " connection mode"、 "network selection" " APNsetup"、 "VPN setup", as shown below:

6. Device coinection display area:

Real-time display the number and status of connected devices
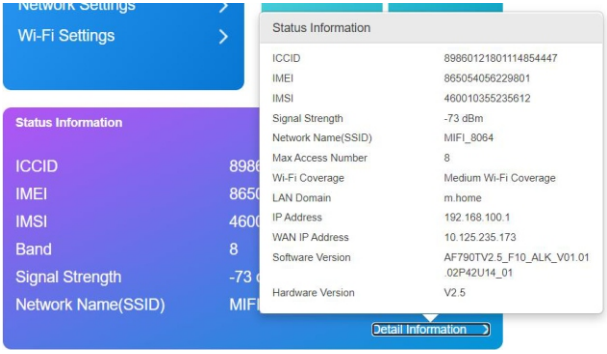7. Device connection display area:

---

Real-time display the status of flow usage, click the settings can also customize the form of flow package, the number of flow, reminder modeetc.
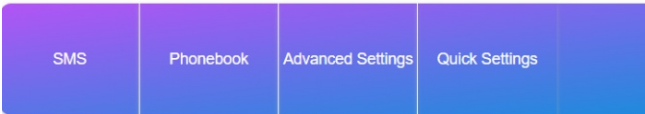8. Status information display area:

The Status information can display SIM card number, IMEI, IMSI, signal strength , network name ( SSID ), click "details" can also display more detailed information, as shown below:
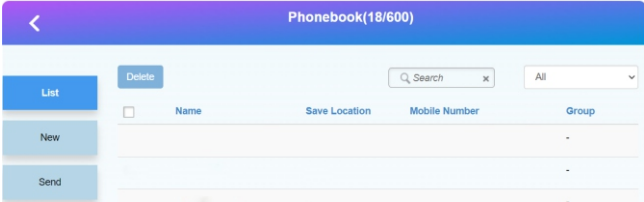
9. SMS：

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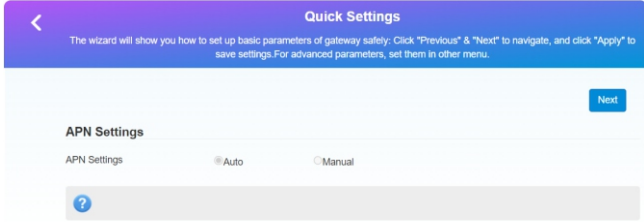
---

10. Phonebook display area:
Click "Phonebook", the interface will show "List"、"News""send", as shown below:

11. Advanced Settings:

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.

## Compliance 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. 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.

## Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC Radiation Exposure Statement
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co–located or operating in conjunction with any other antenna or transmitter. End–users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure com.

## Product picture

（Flank）                （Reverse side）