4G ROUTER USER MANUAL

Product Features

- ◊ Use of industrial 4G module, stable, long life, Anti-interference ability.
- 4G all Netcom, support telecommunications, Unicom, 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 8 devices WIFI access

(IPC \ phone \ computer);

- Built in WEB client, it supports view the 4G signal strength, modify the login password, wireless access 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 standards: Applicable to Japan

Technical Parameters

- ◊ 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/B8/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:1PCS 10/100M adaptiveRJ45 interface, maximum support 8 devices WIFI access
- ◊ WIFI standards:2412MHz-2472MHz, 802. IIb/g/n, The maximum transfer rate is up to 72Mbps
- ◊ USIM/SIM card : Micro SIM card;
- ◊ Power supply: DC12V, Power consumption:2. 5W

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 equipments 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.
- Wireless access:Open the equipment and search the WIFI name which called "MIFI", E.G: MIFI_7518 Click on the Link.

Default password of WIFI:1234567890 (You can modify the password after enter 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:

4G CPE	LTE China Tel	ecom "III 🌐 tļ 🕀 📶 🛜 1
		Modify Login Password Logout English •
\checkmark		
Connect Status	Network Settings	Connected Devices
ON ↑ 0b/s ↓ 0b/s 00:15:07	Wireless Broadband Mode>Network Settings>Wi-Fi Settings>	1 wireless
3.Signel display area:		
1 2 LTE China Unicom	③ ④ ⑤ ⑦ ↓ ● ti ● ① 奈1 修改登录密码 遗出 中文 •	
1 Network type;	② Operater; ③ Sigr	nel Strength;

- ④ 4G Network connect Status; ⑤ Lan Network Connect Status;
- 6 SIM card status; 7 Number 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 connection status;
- B. Network Connection:On/OFF
- C. Network Upstream Bandwidth
- D. Network Downstream Bandwidth
- E. Network Connection Duration
- 5. Network settings area:

		A.Netv we car as sho	vord settir n set acor wn below	ord settings:click on "network settings" and set aconnection mode","network selection n below:		
<u> </u>		<		Connection Settings		
Network Settings		Connection Mode	Connection Mode	3		
Wireless Broadband Mode	>	Network Selection	Connection Mode	Automatic Manual Check bars you can connect to internet in the maming status		
Network Settings	>			Check here, you can connect to internet in the roanning status.		
Wi-Fi Settings	>	APN			Apply	
		VPN	0			

6.Wi-Fi settings:Click on "Wi-Fi settings" and Enter "connection settings" ,we can set "SSID" "Wi-Fi Switch " "Network name (Wi-Fi)", "WLAN MAC Filter" etc, as shown below:

<	Set up wireless hotspo	Wi-Fi Settings It so that your mobile phone or laptop could access network via it	
	Wi-Fi Switch	Fnable Oisable	
SSID			Apply
WPS	SSID		
Internet Wi-Fi	Network Name(SSID) *	MIFL_75A7	
Advanced Settings	Security Mode		
WLAN MAC Filter	Pass Phrase *	·········	
		Display Password	
	Max Station Number	32 •	

A.We suggest you should modify the initial WIFI connection password(1234567890);

B.To preventp thersloiter net, we suggest you can enabled "Wireless MAC filtering" function, and select the "whitelist" rules,add the equipments MAC address(which equipment need to connect) to whitelist

7.Device connection display area:



Real-time display the number and status of connected devices

8. 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.

9. 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

Network Settings	>		
Wi-Fi Settings	>	Status Information	
		SIM Card Number	
		IMEI	358511050033103
		IMSI	460110419194380
status information		Signal Strength	-81 dBm
		Network Name(SSID)	MIFI_75A7
SIM Card Number		Max Access Number	32
IMEI	3585	Wi-Fi Coverage	Long Wi-Fi Coverage
IMO	4604	LAN Domain	m.home
	460	IP Address	192.168.100.1
Signal Strength	-81 (WAN IP Address	100.81.205.198
Network Name(SSID)	MIEL	Software Version	V1.0.6B01P14
	IVIII I	Hardware Version	V1.0



10.SMS



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

<	Device SMS (0/100)				
	New Delete Refresh				
Device	Number	Content	Time		
SIM Card					
Settings					

11. Phonebook display area:

Click "Phonebook" , the interface will show "List", "News" "send", as shown below:

<	Phonebook (0/600)				
	Delete	Q. Search ×	All		
List	Name	Save Location Mobile Number	Group		
New					
Send					

12.Advance Settings:

<		Advanced Settings	
Power-save	Wi-Fi Performanc	ce Settings	
Router	Wi-Fi Coverage	 Short Wi-Fi Coverage - Best battery life Medium Wi-Fi Coverage Long Wi-Fi Coverage 	
Firewall			Apply
Update	0		
USSD			
DDNS			
Others			

A. Power save:it support WIFI performance settings. We suggest you should be select "short Wi-Fi coverage-best battery lifew in the solar power supply .

- 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"

13.Quick Settings

<	Quick Settings The wizard will show you how to set up basic parameters of gateway safely: Click "Previous" & "Next" to navigate, and click "Apply" t save settings.For advanced parameters, set them in other menu.				
				Next	
	APN Settings				
	APN Settings	Auto	Manual		
	0				

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

14. Module wiring diagram/reset key of 4G router.

