

Industrial 4g 3g modem LTE WIFI wireless cellular router with sim card and Ethernet port

EC20

4G INDUSTRIAL ROUTER

teach / electric power / coal mine/finance/communication/
industrial control/ weather/water/ traffic and so on industry areas
that require operational monitoring

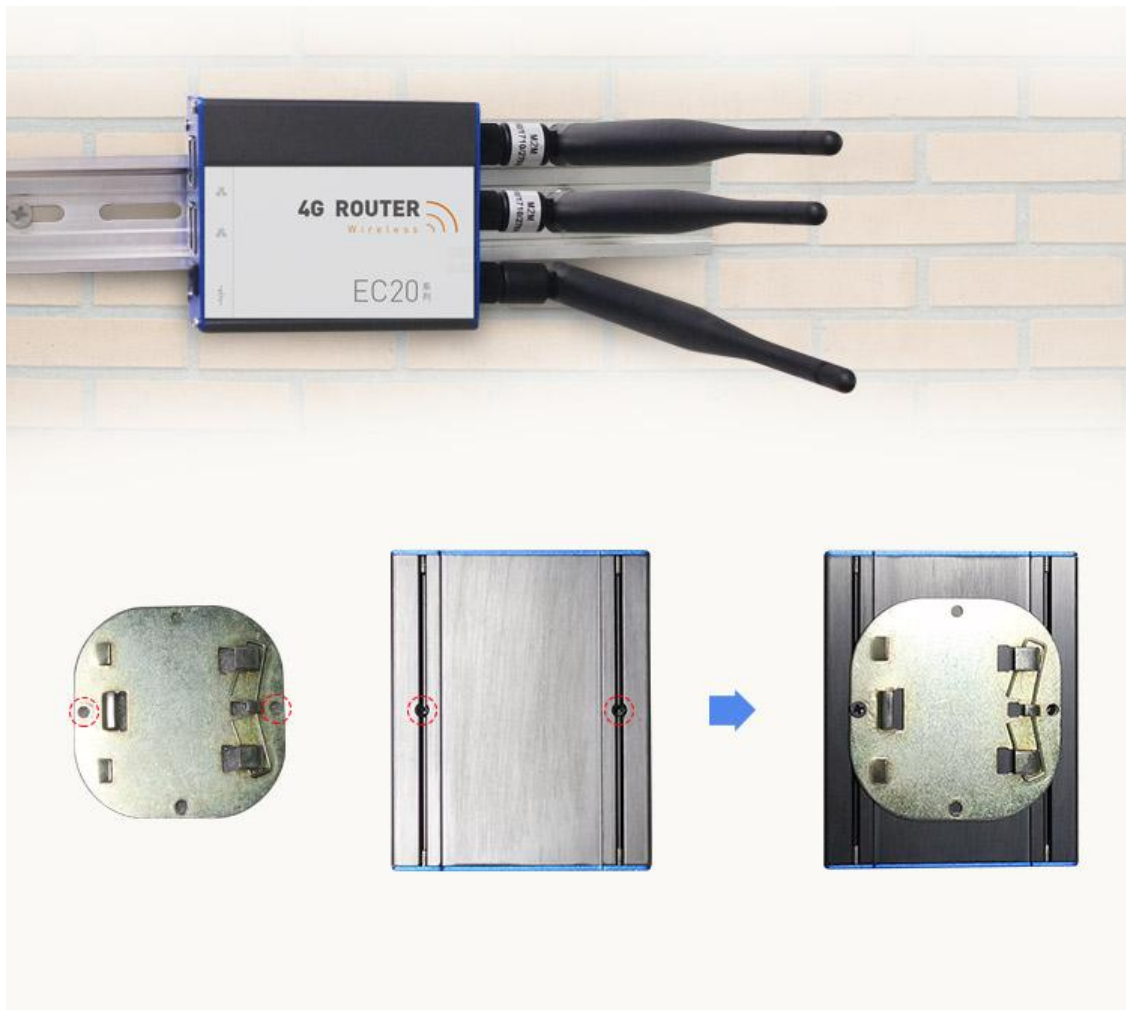


- 4G to wifi
- Anti-drop line
- Serial data transmission
- High and low temperature resistance
- Support VPN APN



Wireless Router EC20 3G 4G Industrial Wifi Router

With the advanced 4G LTE technology, what you need is to insert relevant SIM card, then you can transmit 3G/4G signal to wifi signal and, there are ADSL Internet access wired a variety of ways. it applies a variety of application environment provides network connections and data for industrial application. Application Electronics, Oil industry, Mineral, Finance, Communication, Public security, Heating, Industrial control, Meteorology, Water conservancy, Public transportation , Local council and so on.



APPLICATIONS

Intelligent Routing Application Scenario

Widely used in vending machines, honeycomb express cabinets, charging piles, parking lots, car supply networks, Monitoring, industrial control, remote monitoring, etc.



WHY CHOOSE OUR 3G 4G Industrial Wifi Router

- 1、3G/4G Signal to Lan insert relevant SIM card, then you can transmit 3G/4G signal to Lan
- 2、3G/4G Signal to WIFI Signal insert relevant SIM card, then you can transmit 3G/4G signal to wifi signal
- 3、Hardware Watch Dog Design support anticrash functions. Protect equipment work stable and reliable
- 4、Support 3G/4G 3G 4G (WCDMA/CDMA/TD-SCDMA/LTE5/LTE7)
- 5、Support VPN VPN, VPDN, PPTP Client, L2TP Client
- 6、Support Multiple Interfaces add UART port, GPIO port and micro usb port, multi interface to meet your different needs



FEATURES

- Adopt high grade industrial wireless module.
- Support 3G/4G (WCDMA/CDMA/TD-SCDMA/LTE5/LTE7)
- Adopt metal case IP30 protection grade.
- Wide voltage and current input:DC7-35V/2A.
- Anti-reverse power connection protection surge protection, ESD antistatic protection.
- Software and hardware watch dog design, support anticrash functions. Protect equipment work stable and reliable.
- Automatic detection when network disconnect, automatically restart when dialing

fails scheduled reboot etc.

- Serial transparent transmission function, it can access to order control mode by serial port, control router and other equipment.
- SMS control dialing, offline and restart function.
- Support socket server and customer end mode.
- Support different types of DDNS service.
- Port mapping, DMZ host function.
- Support VPN, PPTP client, L2TP client.

FREQUENCY

4G router EC20 cate9

Frequency band LTE FDD	LTE FDD: Band 1,2, 3, 4, 5, 7, 8, 11, 12, 13, 17, 18, 19, 20, 21, 26, 28, 29, 30, 66 LTE TDD: Band 38, 39, 40, 41 WCDMA: Band 1,2, 4, 5, 8
EC20	Data Cat9 LTE FDD: 450Mbps DL, 50Mbps UL LTE TDD: 347Mbps DL, 30Mbps UL UMTS: 385Kbps DL, 385Kbps UL DC-HSUPA+:42Mbps DL , 5.76Mbps UL

4G Router-EC20-7600 cate4

Frequency band LTE FDD	7600E: LTE-TDD B38/B40/B41 LTE-FDD B1/B3/B5/B7/B8/B20 UMTS/HSPA+ B1/B5/B8 GSM/GPRS/EDGE B3/B8	SIM7600SA: LTE-TDD B40 LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28 UMTS/HSPA+ B1/B2/B5/B8 Data transfer
EC20	7600A: LTE-FDD B2/B4/B12 UMTS/HSPA+ B2/B5	LTE: Cat4 LTE FDD: 150Mbps (DL)/50Mbps (UL) UMTS-DC-HSDPA: 42Mbps (DL) HSUPA: 5.76Mbps (UL) WCDMA: 384Kbps (DL)/ 384Kbps (UL)

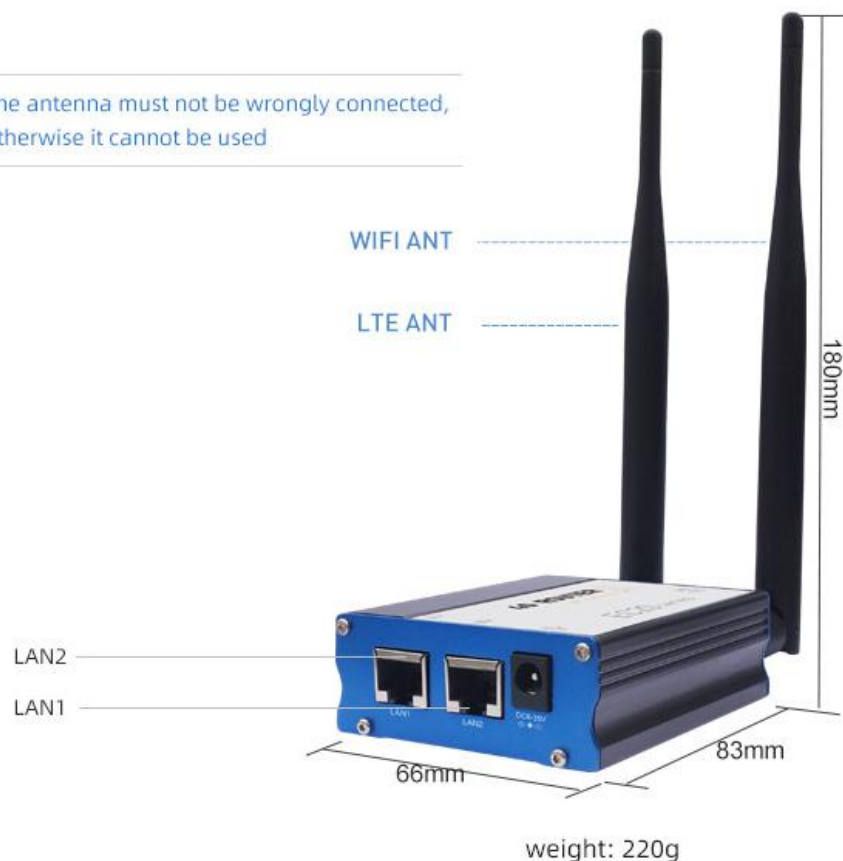
4G Router-EC20-EC25 cate4

Frequency band LTE FDD	EC25-EC: LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8	EC25-AU: LTE FDD: B1/B2①/B3/B4/B5/B7/B8/B28 LTE TDD: B40
EC20	EC25-EU: LTE FDD: B1/B3/B7/B8/B20/B28A LTE TDD: B38/B40/B41 WCDMA: B1/B8	EC25-AUT: LTE FDD: B1/B3/B5/B7/B28 WCDMA: B1/B5
	EC25-A: LTE FDD: B2/B4/B5/B12/B13/B14/ B66/B71 WCDMA: B2/B4/B5	LTE: Cat4 LTE FDD: 150Mbps (DL)/50Mbps (UL) UMTS-DC-HSDPA: 42Mbps (DL) HSUPA: 5.76Mbps (UL) WCDMA: 384Kbps (DL)/ 384Kbps (UL)

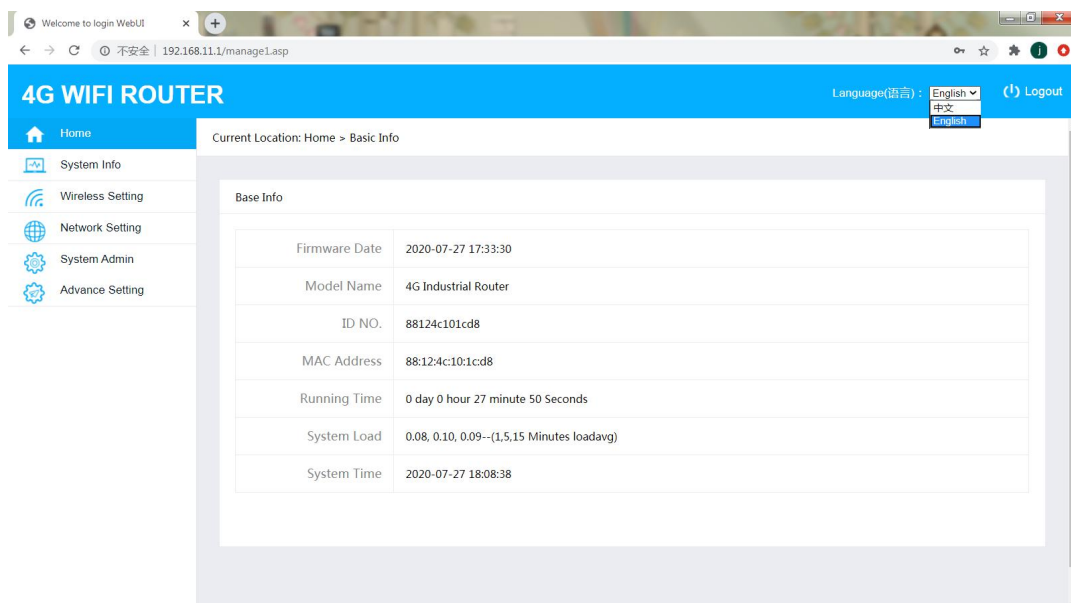
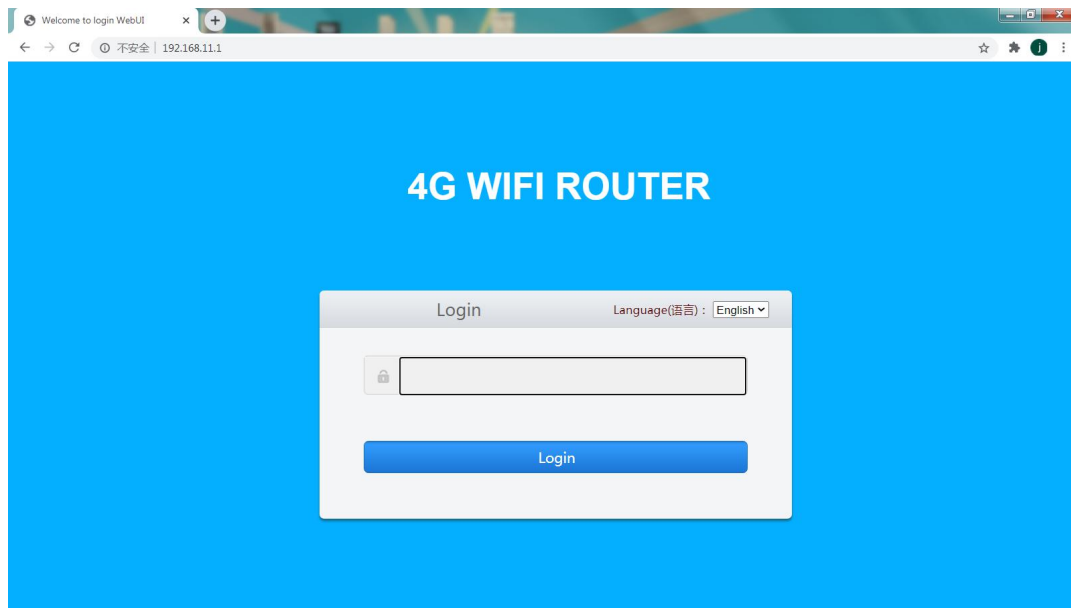
Product parameters	
Dimensions	Length, width and height:83*66*26mm (not include antenna interface)
Wireless interface	IEEE802.11b/g/n
Frequency band	2400-2483.5MHZ
main chip:	Ralink RT5350
Antenna	SMA external rotation hole
Transmission rate	150Mbps
External Interface:	Lan port:2 RS232 interface:1 Sim card slot:1 antenna interface:2 light:4 DC power interface:1 reset button:1
Transmit power	11n HT40 MCS7:+13.5dBm 11b CCK:+18 dBm 11g OFDM:+13.5dBm
Receiving sensitivity	-66dBm at 150Mbps -73dBm at 54Mbps -86dBm at 11Mbps
Power:	DC power supply:6-35V 3A
Power consumption	less than 400mA
working environment	working temperature:-40 degree -+75 degree
store temperature	-40 degree -+80degree,
Humidity	5%-95% without condensation

INTERFACE

The antenna must not be wrongly connected, otherwise it cannot be used



4G router website background display



How to setup working 4G mode quickly

1. Insert 4G SIM card into the card slot install antenna and power on.
2. Plug RJ45 from router LAN port to computer or connect by WIFI SSID is "IOT_XXXX"
3. Open browser enter IP 192.168.11.1 login
4. Open "Network Setting>Work mode Setting" select "4G Router Mode" click "Save" button is OK. Then you can open "System Info>4G/WAN Status" can see the signal and IP.

Welcome to login WebUI x +

← → ↻ 不安全 | 192.168.11.1/manage1.asp

4G WIFI ROUTER

- Home
- System Info
- Wireless Setting
- Network Setting**
 - Work Mode Setting
 - WAN Setting
 - LAN Setting
 - DHCP Setting
 - 4G Setting
 - VPN Setting
 - Ping Reboot
- System Admin
- Advance Setting

Current Location: Network Setting > Working Mode Setting

Working Mode Setting

Working Mode: Wan Router Mode

Ethernet Mode: 4G Router Mode

Wireless Repeater Mode

Save

Welcome to login WebUI x +

← → ↻ 不安全 | 192.168.11.1/manage1.asp

4G WIFI ROUTER

Language(语言):

- Home
- System Info**
 - Clients Info
 - Statistics
 - 4G/WAN Status
- Wireless Setting
- Network Setting
- System Admin
- Advance Setting

WAN Status

WAN Interface	IP Address	Running Time (/second)
WAN		
4G	10.39.218.122	69

4G Modem Info

4G Model Name	EC25EFAR06A06M4G
Carrier Name	CHINA MOBILE
Signal Strength	90%
IMEI	861107033050569
IMSI	460000060349159
ICCID	89860068191446014066

Refresh