SF805

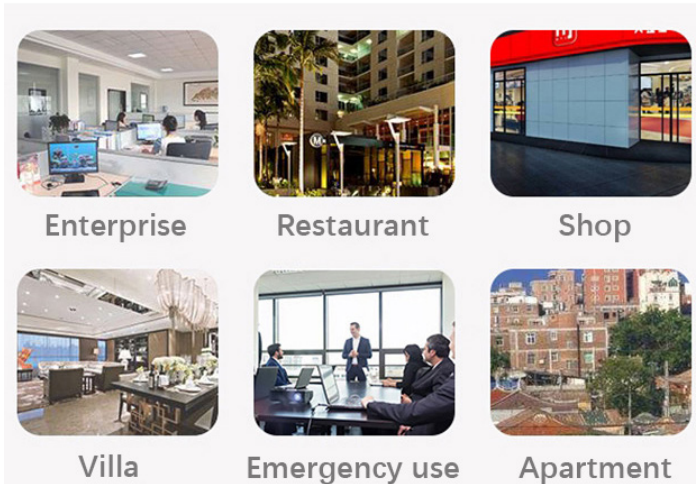## 4G Wireless Router

SF805

The SF805 is a high-performance wireless router developed for 4G network access, the device has a high-performance processor, which can deal with various network protocols and network data at a high speed, works at 4G to wired, 4G to WiFi and other operating modes, supports hardware watchdog and internet hot-backup and other practical features, 6 antennas design ensures better signal than products of the same class, people can get high-speed stable uninterrupted internet through our product.

The product can work with a variety of 4G modules to access different operators' networks, it is applicable to dormitory, apartment, villa, hotel, property management office, store and other home&commercial scenarios.

Multi-scenario Quick setup

Enterprise

Restaurant

Shop

Villa

Emergency use

Apartment

Flexible and cost-effective

Compatible with 2G/3G/4G, supports 4G to wired and 4G to WiFi, plug and play, designed to meet the internet access scenarios like fast deployment required, network backup for emergency, hard to do wiring and mobile internet access, etc.

Professional software&hardware design

Through dedicated design of hardware and software, our product can provide the round-the-clock uninterrupted high quality service in various home&commercial scenarios.

- Built-in high performance industrial module, compatible with 2G/3G/4G
- Dedicated hardware watchdog design
- Intelligent hot backup to ensure uninterrupted internet
- 6 antennas design ensures better signal
- Failure detecting(auto reboot), reboot on schedule
- VPN client
- Multi-power-supply method(DC / Type-C)

Failure Detecting

Mobile payments predominate nowadays, when in accidental network failure, the 4G router can act as your "generator of internent".

Standard Sim card (2FF) ✕   Micro-Sim card (3FF) ✓   Nano-Sim card (4FF) ✕

LAN1 LAN2 LAN3 WAN   Rst   SIM   5V/2A 12V/1A

Micro-Sim card

Specifications

CPU/Memory

CPU	MT7620N
RAM	64M
ROM	8M

4G

Standard	WCDMA R7, LTE R9
Compatibility	4G / 3G / 2G
4G rate	150Mbps / 50Mbps
Frequency(optional)	CN - TDD LTE: B34/B38/B39/B40/B41, FDD LTE: B1/B3/B5/B8, WCDMA: B1/B5/B8
	AU - TDD LTE: B38/B40/B41, FDD LTE: B1/B3/B5/B7/B8/B20/B28, WCDMA: B1/B5/B8
	NA - TDD: LTE B38/B40/B41, FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B12*/B17*/B66*, WCDMA: B1/B2/B4/B5/B8

WLAN

Standard	IEEE 802.11 b/g/n
Frequency	2.4 Ghz
Radio mode	MiMo 2x2
Transmit Power	17±2dBm
Data rate	300Mbps
Sensitivity	11n : -70dBm@10% PER, 11g : -72dBm@10% PER, 11b : -88dBm@8% PER

Antenna

4G	External 5dBi 4G antenna x2
WiFi	External 3dBi 2.4 Ghz antenna x4

Interfaces

Wire	1 x 10/100M RJ45 WAN port, 3 x 10/100M RJ45 LAN port
Card slot	1 x SIM Card Socket
LED	1 x Power, 3 x LAN, 1 x WAN, 1 x Wireless, 1 x 4G, 1 x Internet
Other	Reset Button x 1

Software

Operating mode	Bridge, Router, Wireless station, Wireless repeater, 3G/4G mode
Internet method	5G/4G, WAN(Static IP, DHCP client, PPPoE client)
Services	DHCP Server, DHCP Relay, DDNS
Network techniques	Port forwarding, DMZ, UPnP, VPN(L2TP/PPTP, Static routing
Security defense	IP filtering, MAC filtering, URLfiltering, Port-scanning defense, SYN flooding attack
QoS	IP based
Other	Quick installation guide

Physical

Dimension(folded)	225 x 158.5 x 40 mm
Weight	235 g
Mounting	Desktop/Wall mount

Power

Power supply	12V/1A DC , 5V/2A Type C
Power source	100 – 240V AC, 50/60Hz
Power consumption (max)	12 W

Environmental

Operating temperature	-20°C ~ +55°C
Humidity	0 ~ 90 % (non-condensing)

Regulatory

Certification	Other

Package contains

Router	1
12V 1A DC Adapter	1
Other	Other

Frequency band and Price

Frequency band / Price					
CN		AU		NA	
TDD LTE: B34/B38/B39/B40/B41 FDD LTE: B1/B3/B5/B8 WCDMA: B1/B5/B8		TDD LTE: B38/B40/B41 FDD LTE: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8		TDD: LTE B38/B40/B41 FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B12*/B17*/B66* WCDMA: B1/B2/B4/B5/B8	
Price		Price		Price	