SAILSKY

Data Sheet

11N 300Mbps LTE CPE

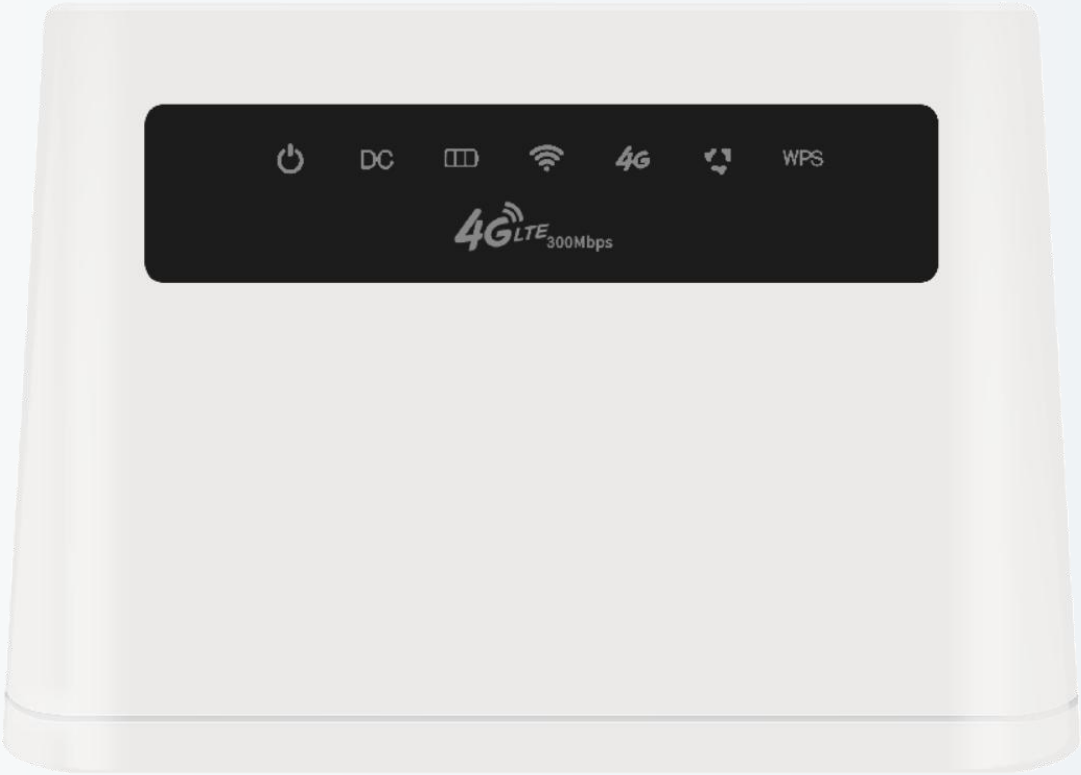
Updated on 24th, Aug, 2019

www.sailskywifi.com

Directory

1. Description·····3
2. Main Features ·····4
3. Hardware specifications·····5
4. Firmware features·····6
5. 4G features·····7
6. Application scenarios·····8
7. Packing list·····10
8. Contact information·····11

01 Description



High Power Indoor LTE CPE

XM220 is an indoor 4G wireless router with ZX297520V3 chipset,support TR069 and VPN, mianly for home, small offices and chain store. Comply with IEEE 802.11b/g/n MIMO standard, the data rate up to 300Mbps, more than 20 end users can access into it; With SIM card slot, it support FDD-LTE/TDD-LTE for worldwide use with 150Mbps downlink speed. With high power design, the wireless coverage up to 50 meters.

02 Main Features Features:

WiFi: 11n, 2.4G, 300Mbps high speed, allow 20+ end users faster access

Support 4G/3G/GSM mobile networking, multiple band for different ISP in the world;

WAN/Mobile/WIFI repeater networking available, meet with different application environment;

High power design with more wireless coverage;

Support IPv6, TR069, Mac/IP address filter, Port forwarding, DMZ, VPN, all powerful functions in one.

Support remote management functions, easy to manage this 4G router at management central

03 Hardware specifications

Hardware specifications	
Model	XM220
CPU	MTK7628nn* ZX297520V3
Flash	8MB
Memory	128MB
Ethernet	1*10/100Mbps WAN, work as LAN port if 4G internet 4* 10/100Mbps LAN
Button	Reset button
	WPS Button
SIM/USIM	1* SIM card
LED Indicator	Power/System WIFI / WAN/LAN Modem: 3G with blue,4G with green
Antenna	2 internal WIFI antenna;2 internal LTE antenna; 2 external LTE antenna（optional）
Power Consumption	<12W
DC Power Supply	12V/1A
Dimensions	71.6mm*30mm*28mm
Weight	300g
MTBF	300,000 @ 55℃

04 Firmware Features

WIFI Standard	
WiFi Standard	IEEE 802.11b/g/n, 2X2 MIMO
Frequency	2.4G: 2400 - 2484MHz
Modulation	UP: QPSK/16QAM DOWN :QPSK/16QAM/64QAM
Data Rate	300Mbps @ 2.4GHz
RF Power	≤ 23dBm
Access Users	20+ Clients
IP Protocol	IPv4/IPv6
Operation mode	4G/WAN/Wi-Fi Repeater
Security	OPEN & WPA-PSK& WPA2-PSK
Wireless Functions	Support client isolation
	Support SSID hidden
	Support Mac/IP address filter
	Support Port forwarding, DMZ, static router and QoS
VPN	Support PPTP/L2TP
Management	GUI web management, TR069 & FOTA(customized)
	Support firmware back-up, restore, reset, upgrade
Language	English/Gemany/French
Login Info	IP address: 192.168.1.1
	4G-WiFi-XXXX (the last 4 digits of the MAC address)
	SSID: 12345678

05 4G Features

4G Spec	
Maximum Data Throughput	LTE CAT 4 FDD-LTE(DL/UL) 150Mbps/50Mbps HSPA+ (DL/UL) 21/5.76Mbps 确定下速率
Technical Standard	Compatible with WCDMA, FDD-LTE, TDD-LTE Default 802.11b/g/n
Frequency	B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 WCDMA: B1/5/8
Channel Band Width	1.4/5/10/15/20 MHz (Other BW can be supported by SW configuration)

Working Environment	
Operating Temperature	Normal:-10°C ~ 60°C;
Storage Temperature	-20° C ~ 70° C
Humidity	5%~ 95%

06 Application scenarios

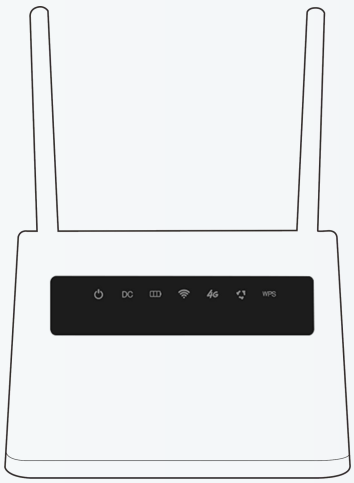
1. Home Applications: Provide 4G/WiFi networking for house

2. Business Application: Bus, RV, Self-driving line, charging piles, vending machines, automatic numbering machines, advertising machines, etc

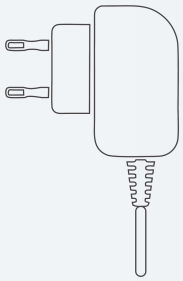
3. Enterprise office, Chain Store,Bank, Warehouse Applications

4. Monitoring, Traffic lights applications

07 Packing list



XM220×1



Power adapter×1
(12V1A)

User Manual×1

Cat 6 LAN
Cable×1
(1 meter)

Welcome to visit us for more info or quotation:

SHENZHEN SHUOTIAN INFORMATION TECHNOLOGY CO.,LTD
5/F,Shenzhou Building,Bantian Street, Longgang District,
Shenzhen,Guangdong Province,
ChinaWeb：www.sailskywifi.com