Mode: SR-580E
4G industrial grade Qualcomm Route

Product Pictures

- 4G Full Netcom
- 300M bandwidth, smooth wireless
- External omnidirectional 4G antenna, better signal and more stable Internet access
- Support for CAT4
- Card plug-in in-play, convenient and fast

Product Description

In the networked world of the Internet, the demand for intelligent communication will only become stronger and stronger, especially in the field of intelligent industrial control.SR-985 4G Industrial Router is the new 4G wireless VPN router for industry. This facility provides fast internet access with an explosive growth of a 4G cellular data network and a variety of wored high-speed broadband access services. With its security, stability and intelligence, thousands of devices are easily connected to provide high-speed data transmission and communication for the real sense of eauipment ifformatication.

SR-985 also provides both an RJ45 port for Ethernet WAN.one Ethernet LAN RJ45 ports, one SIM card slot, and data gateway functionality for both Ethemet ports and Wifi. Support remote management of equipment cloud platform, simple graphical interface, comvenient and quick use, let you understand the current state of euqipment anytime and anywheren widely used in the internet of things industry chain, such as smart frid, smart transportation, smart home, financen mobile POS terminal, supp;u chain automation, industrial automation, intelligent building, fire protection, public safety, environmental protection, meteorology, digital medical, remote sensing survery, space exploration, agriculture, forestry, water, coal mining, petrochemical, etc.

Product specifications

Product model	SR-985E
SIM Card	Nano-Sim Card
Ethernet prot	1WAN*1LAN 10/100M adaptive
Power interface	Input:100V-240V AC 50Hz/60Hz, output: DC12V/2A
Reskey	Pecovery factory settings for more than 6 seconds
LED status light	Power lamp * 1, Wifi lamp * 1, 4G signal light * 2
Dimenstions	172*90*43mm
Weight	360g
Working environment	Operation temperature:-40°C to 85°C storage temperature: -40°C to 85°C; humidity: 5%~95%(No condenstation)

4G/3G/2G Wireless network technical Specifications

Module model	Quectel EC200TEUHA
Frequency-point support	FDD:B1/B3/B7/B8/B20/B28
	TDD:B38/B40/B41
	WCDMA: B1/B8
	GMS: B3/B8
Up and Down peak rate	LTE FDD: Max 150Mbps(DL) / max 50Mbps (UL)
	LTE TDD: max 130Mbps(DL) / max 35Mbps (UL)
	WCDMA: max 384kbps (DL) / max 384kbps (UL)
	EDGE: max 296kbps (DL) / max 236.8kbps (UL)

	GPRS: max 107kbps (DL) / maximum 85.6kbps (UL)
Receiven sensitivity	Meet the 3GPP standards
Maximum output power	LTE FDD: 23dBm +- 2dB
	LTE TDD: 23dBm +- 2dB
	WCDMA: 24dBm + 1dB/-3dB
	GSM B5/8:+33 +- 2dBm(Power class4)
	GSM B2/3:+30 +- 2dBm(Power class1)
4Gantenna typoe	Built-in high-gain PCB antenna
Antenna gain	5dBi

Wifi technical specification

Protocol standanrd	IEEE 802.11a/b/g/n
Channel bandwidth	20MHz, 40MHz
Frequency	2.4 G
Peak Rate	802.11b:11Mbps
	802.11g:54Mbps
	802.11n:300Mbps
Commis sioning mode	DSSS/CCK,OFDM
Receive sensitivity	-85dBm in 802.11b
	-70dBm in 802.11g
	-70dBm in 802.11n
Maximum emission power	18dBm in 802.11b
	17dBm in 802.11g
	16dBm in 802.11n
wifi anternna type	Built in high-gain PCB antenna
Antenna agin	5dBi
Nunber of users	Max.32 bits

Basic software function

Language Support	Chines and English
IP protocol	IPv4
WAN port	Fixed ip/PPPoe dial-up / auto-acquisition

4G dial-up	Automatic
LTE band Search mode	Full-Band search
VPN	L2TP, PPTP
NAT	Support
Wifi	AP mode, relay mode
Routing system	Qos
Internet Watdog	7*24 hours
Firewall	MAC blacklist, Port mapping, DMZ
Statistics	LTE Network status, Device running status, DHCP customer list, Network connection status, firewall status
Maintenance	Time synchronization settings, sutomatic resart, restore factory settings, restore/ backup configuration files, local upgrade
System Log	Run log
Routing master chip	Qualcomm QCA9531
RAM	DDR2 512Mb
Flash	SPI 128Mb
Protocol standard	IEEE802.11b / 802.11g / 802.11n / 802.3 / 802.3u
Wireless rate	2.4G 300Mbps
Working frequency	2.4GHz