USR-G808 Datasheet

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1. Product overview

USR-G808 is a dual SIM card 4G wireless industrial router which provides user the solution to access 4G network by WiFi or LAN interface. G808 adopts high-performance and embedded CPU, working frequency can reach 580MHz and can provide reliable data transmission networking for some data transmission applications such as smart power grids, personal medical, smart home. G808 has various functions such as dual 4G interface, network backup, APN, VPN, firewall, NAT, DMZ and also has advantages of high reliability, simple operation and reasonable price.

USR-G808 supports wired WAN interface, LAN interface, WiFi and dual 4G interface which can provide various networking method.

2. Product features

- 4 x LAN ports, 1 x WAN Port. All Ethernet interface support 10/100Mbps
- Supports RS232 Port
- Support 802.11b/g/n WIFI network
- Supports, ssh, telnet and Web Server to manage and configure
- Support LED to show work status
- Support Reload button to reset to default settings by hardware way
- Support VPN Client(PPTP, L2TP, IPSEC, OPENVPN, GRE, SSTP) and VPN encryption function
- Support load balancing
- Support firewall, NAT, DMZ host
- Support QOS, flow service and limiting speed according to interface
- Support DDNS and port forwarding
- Support WIFIDOG, this function need user custom according to own needs
- Support static routes, PPPOE, DHCP/static IP
- Support remote upgrading and remote monitoring
- Support NTP, internal RTC
- Support watchdog to guarantee the system stability

3. Product specifications

Parameter		Value
Wired Ethernet interface	Wired WAN interface	1 WAN Port
	Wired LAN interface	4 LAN Port
	Rate	10/100Mbps, Auto MDI/MDIX
WiFi	Standard	Support 802.11b/g/n
	Antenna	Two WiFi antennas
	Range	150m in open area
SIM card and antenna	SIM/USIM card	Standard 6 pin SIM card interface, two 3V/1.8V SIM cards.
	Antenna	Two 3/4G antenna(4G-M/4G-A)
Button	Reload	Reset to default settings by hardware way
LED	LED	Power, WIFI, Work, 2/3/4G(SIM1 and SIM2), RSSI LED(SIM1 and SIM2), one WAN LED and four LAN

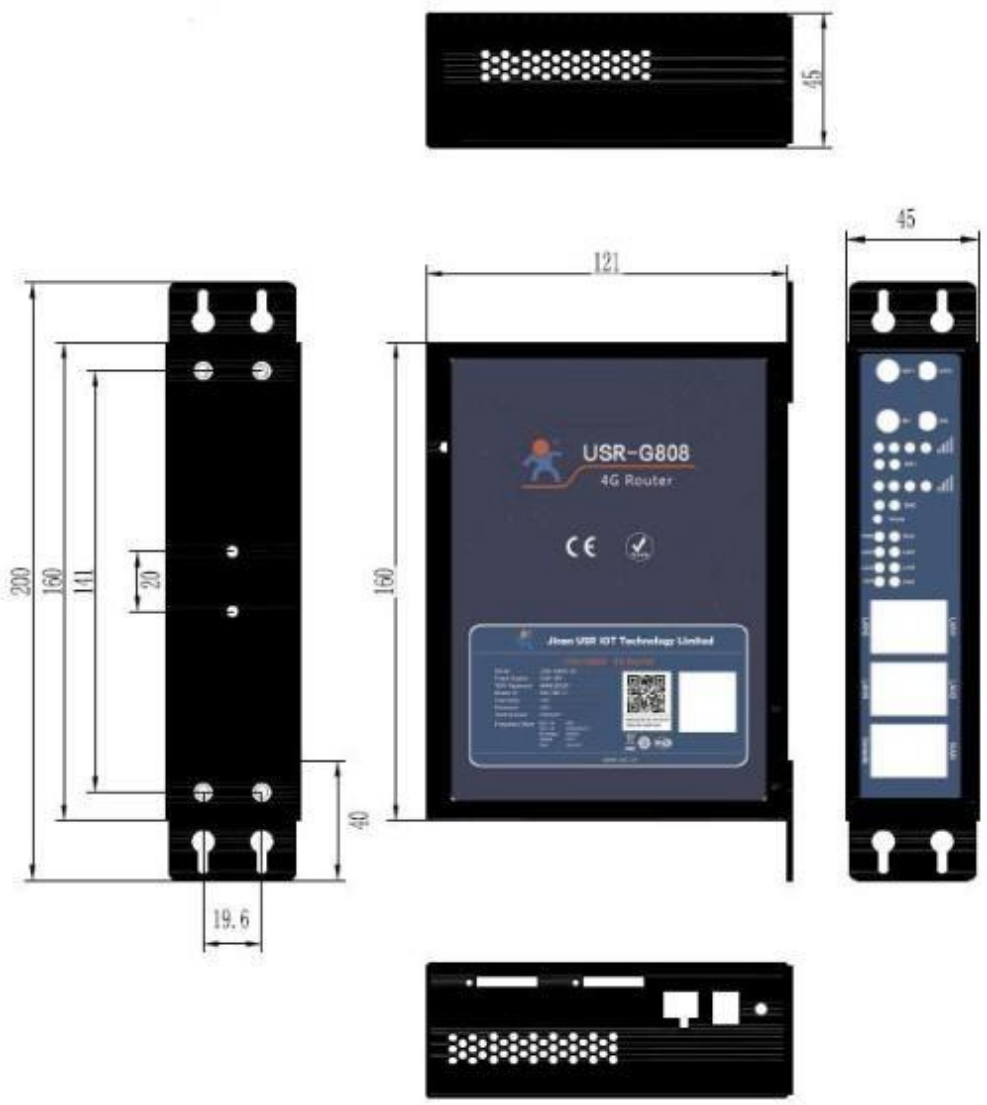
		LED
Dimension	Dimension	160.0*121.0*45.0mm
Serial port	Console port	Configure and control serial port by Web Server
Temperature	Working temperature	-20℃~ +70℃
	Storage temperature	-40℃~ +75℃
Humidity	Working humidity	10% ~ 90%
	Storage humidity	5% ~ 90%
Power supply	Voltage	DC 9~36V
	Current	Average current 391mA@12V, maximum current 578mA@12V.

4. Band Frequency

Model	Carrier/Region	2G/3G/4G Bands
USR-G808-EE Version	Europe/International (EMEA, Korea Thailand,India) (HongKong)	FDD:B1/2/3/5/7/8/20 TDD:B38/40/41 HSPA/UMTS: B1/2/5/8 GSM/EDGE: B2/3/5/8
USR-G808-EE Version	Southeast Asia	FDD:B1/2/3/5/7/8/20 TDD:B38/40/41 HSPA/UMTS: B1/2/5/8 GSM/EDGE: B2/3/5/8
USR-G808-AU Version	Australia Taiwan New Zeland Latin America	FDD:B1/2/3/5/7/8/28 TDD:B38/40/41 HSPA/UMTS: B1/2/5/8 GSM/EDGE: B2/3/5/8
USR-G808-A Version	AT&T,T-Mobile/North America	FDD:B2/4/12 WCDM:B2/4/5

5. Product dimensions

G808 dimension is 160*121*45 mm.



6. Contact Us

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