Industrial 4G Wireless LTE Router
Solutions of outdoors high speed internet access

USR-G806

USR IOT—4G wireless LTE router

USR-G806 Datasheet

Jinan USR IOT Technology Limited

Be Honest, Do Best!

Main features

◆ Support one LAN interface and one WAN interface(WAN interface can switch to LAN interface)

◆ Support one WLAN interface

◆ Support various LED

◆ Support Web Server to configure module

◆ Support restoring default settings by hardware

◆ LAN/WAN interface all support 10/100Mbps

◆ Support VPN(PPTP/L2TP), PPPOE, DHCP, Static IP

◆ Support APN card

◆ Support static router and firewall

◆ Support flow service which can limit the speed according to interface

◆ Support DDNS and port forwarding

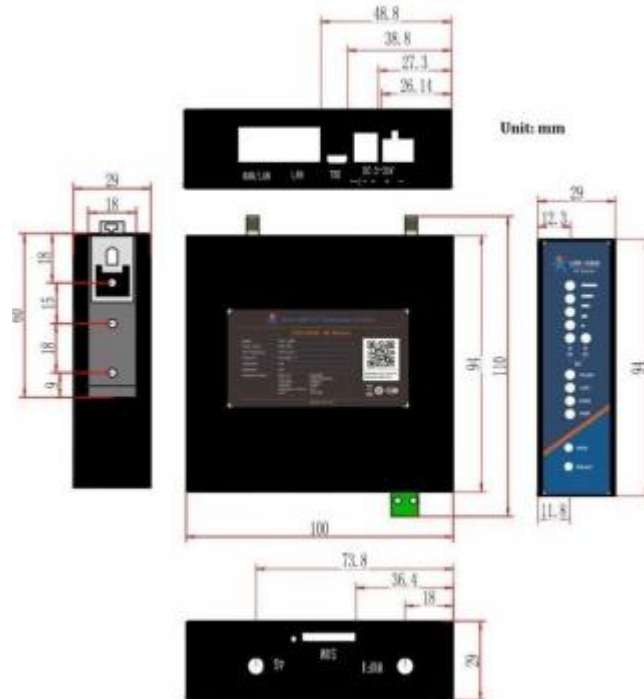◆ Support WIFIDOG(User can customize this function according to needs)

Product overview

☞ USR-G806 is a industrial 4G wireless LTE router which provides a solution for users to connect own device to 4G network via WiFi interface or Ethernet interface.

☞ USR-G806 adopts high performance embedded CPU which can support 580MHz working frequency and can be widely used in Smart Grid, Smart Home etc. USR-G806 supports various functions such as APN card, VPN, WIFIDOG, flow control and has many advantages including high reliability, simple operation, reasonable price.

☞ USR-G806 supports WAN interface, LAN interface, WLAN interface, 4G interface. USR-G806 provides various networking mode to help user establish own network.

Product specifications

Wireless parameters					
Standard	TD-LTE		Frequency Band	TD-LTE	Band 38/39/40/41
	FDD-LTE			FDD-LTE	Band 1/3
	WCDMA			WCDMA	Band 1/8
	TD-SCDMA			TD-SCDMA	Band 34/39
	GSM/GPRS/EDGE			GSM/GPRS/EDGE	Band 3/8
Transmitting power	TD-LTE	+23dBm(Power class 3)	Technical specifications	TD-LTE	3GPP R9 CAT4, download 150 Mbps, upload 50 Mbps
	FDD-LTE	+23dBm(Power class 3)		FDD-LTE	3GPP R9 CAT4, download 150 Mbps, upload 50 Mbps
	WCDMA	+23dBm(Power class 3)		WCDMA	HSPA+, download 21 Mbps, upload 5.76 Mbps
	TD-SCDMA	+24dBm(Power class 2)		TD-SCDMA	3GPP R9, download 2.8 Mbps, upload 2.2 Mbps
	GSM Band8	+33dBm(Power class 4)		GSM/GPRS/EDGE	MAX: download 384 kbps, upload 128 kbps
	GSM Band3	+30dBm(Power class 1)	Ethernet interface/WIFI		
Function			LAN interface	One	
DDNS	Support		WAN interface	One	
APN	Support		Ethernet interface rate	10/100Mbps	
VPN	Support		WAN/LAN switch	Support	

Port mapping	Support		Electromagnetic isolation	2kv
Firewall	Support		Auto-MDI/MDIX	Support
Power			**Hardware**	
VCC	5.0V～36.0V		Antenna	One WIFI antenna(3 dbi); one 4G antenna(3.5 dbi)
Working current	Average 150mA; Max.385mA@12V		LED	RSSI, 4G mode, WLAN, LAN, WAN, power
Power interface type	DC power supply		**Software**	
Power protection	Anti-reverse connection		USR-VOCM	Windows 2000 or above(32 bits/64bis)
Mechanical structure			Configuration way	Web Server
Module dimension	100.0*94.0*29.0 (L*W*H)		**Working environment**	
			Working Temp.	-20℃～70℃
			Storage Temp.	-40～125℃
			Storage humidity	5%～95% RH(no condensation)

Product dimension

Purchase&Support

Web: http://www.usriot.com/

Online store: en.usr.cn

Technical support: h.usriot.com

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