



Creaturelab Network Solution

USR-G806-AU

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



Product overview

- USR-G806-AU 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-AU adopts high performance embedded CPU which can support 580MHz working frequency and can be widely used in Smart Grid, Smart Home etc. USR-G806-AU supports various functions such as APN card, VPN, WIFIDOG, flow control and has many advantages including high reliability, simple operation, reasonable price.
- USR-G806-AU supports WAN interface, LAN interface, WLAN interface, 4G interface. USR-G806-AU provides various networking mode to help user establish own network.

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
- SupportVPN(PPTP/LZTP), PPPOE, DHCP, Static IP
- Support APN card
- Support static router and firewall
- Support flow service which can limit the speed according to interface
- Support DONS and port forwarding
- Support WIFIDOG(User can customize this function according to needs)



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Product specifications

Wireless parameters					
Standard	TD-LTE		Frequency Band	TD-LTE	Band40
	FDD-LTE			FDD-LTE	Band 1/2/3/4/5/6/7 /8/28
	WCDMA			WCDMA/HSPA/UMTS	Band 1/2/5/8
	GSM/GPRS/EDGE			GSM/GPRS/EDGE	Band 2/3/5/8
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
	GSM Band 8	+33dBm(Power class 4)		GSM/GPRS/EDGE	MAX: download 384 kbps, upload 128 kbps
	GSM Band 3	+33dBm(Power class 1)			
Function					
DDNS	Support		Ethernet interface/WIFI		
APN	Support		LAN interface	One	
VPN	Support		WAN interface	Support	
Port mapping	Support		Ethernet interface rate	Support	
Firewall	Support		WAN/LAN switch	Support	
Power			Electromagnetic isolation	2kv	
VCC	5.0V~36.0V		Auto-MDI/MDIX	Support	
Working current	Average 150mA; Max.385mA@12V		Hardware		
Power interface type	DC power supply		Antenna	One WI FI antenna(3 dbi); one 4G antenna(3.5 dbi)	
Power protection	Anti-reverse connection		LED	RSSI, 4G mode, WLAN, LAN, WAN, power	
Mechanical structure			Software		
Module dimension	100.0*94.0*29.0 (L*W*H)		USR-VOCM	Windows 2000 or above(32 bits/64bis)	
			Configuration way	Web Server	
			Software		
			Working Temp.	-20°C~70°C	
			Storage Temp.	-40°C~125°C	
			Storage humidity	5%~95% RH(no condensation)	

Product dimensions

