

# USR-G805 Specification

## 4G LTE cellular router



### Product Description

USR-G805 is a very small and economical 4G industrial cellular router. It integrates 4G LTE, WiFi(WF version) Ethernet port and VPN technology. It uses 4G Cat 4 Qualcomm solution module, and embeds a CPU with a working frequency up to 1GHz, provides reliable, secure and high speed mobile connectivity with VPN supported.

The product also supports PUSR cloud platform, you can easily track your devices, enjoy better efficiency for massive deployment and preventive maintenance, reduce operational costs.

G805 is widely used in the Internet of Things industry by virtue of its advantages of economy, compact size and comprehensive functions, such as: self-service ticket vending machine, self-service vending machine, self-service lottery machine, self-service beverage machine, self-service movie ticket machine, advertising machine, shopping mall navigation terminal networking, digital signage and etc.

# Product Features

## ■ Stable And Reliable

- Industrial grade design, metal shell, protection grade IP30
- Wide voltage DC 9-36V input, with reverse polarity protection
- Built-in hardware watchdog, EMC protection, fault self-detection, and self-recover to ensure system stability.

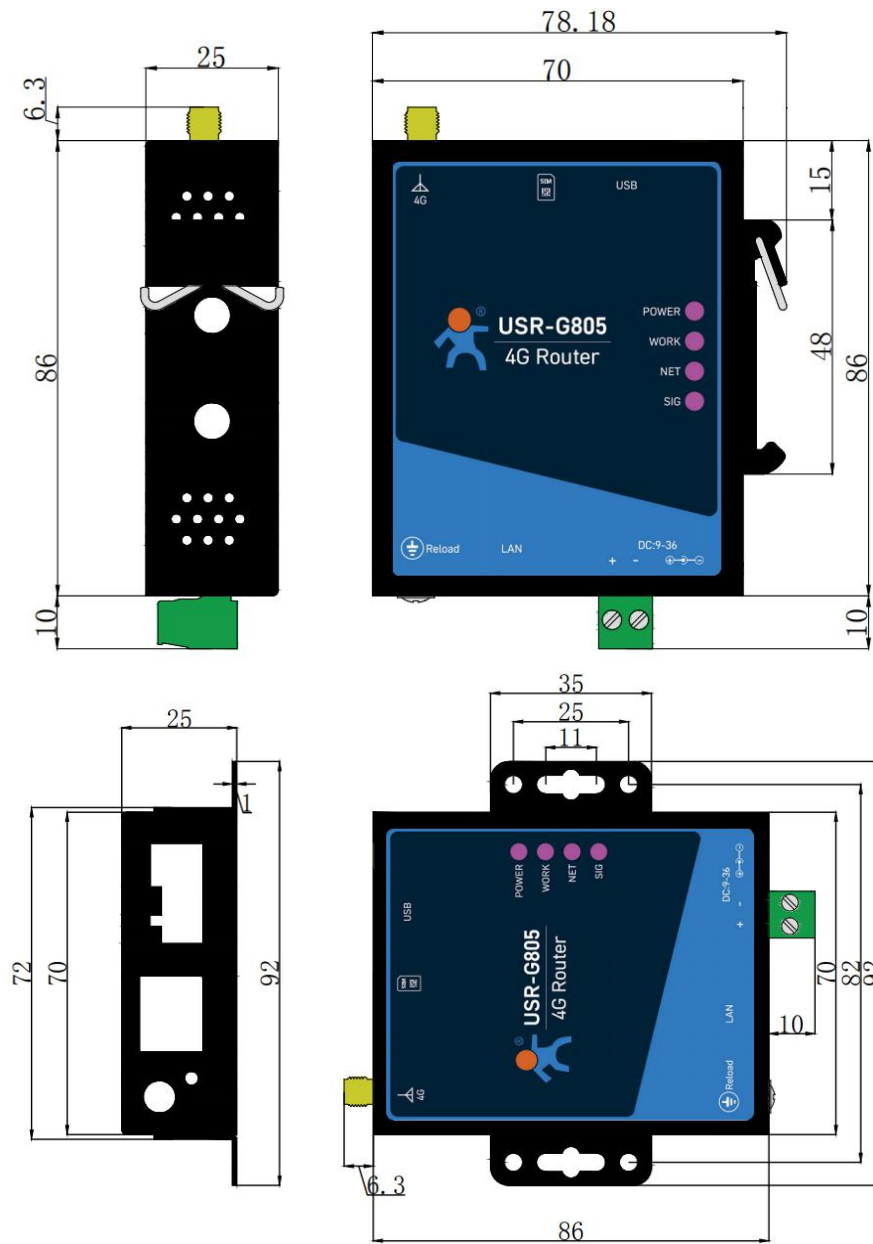
## ■ Uninterrupted network access

- High speed via 4G LTE or 3G network, fallback to 2G
- Support APN and VPDN wireless private network access in
- Multi-layer link detection mechanism, automatic redial and recovery.
- 2.4G WiFi optional

## ■ Rich functions

- Support PUSR cloud service, facilitate centralized management, improve operation and maintenance efficiency
- Support to open the router's built-in webpage through PUSR cloud without private network or public IP
- Support firewall, DMZ, port forwarding, port filtering, port mapping
- Support VPN (PPTP, L2TP) and VPN encryption functions
- Support DDNS, easy to access the router and the subnet equipment under the router
- Support DHCP Server, you can turn on and off the DHCP Server function
- Support NTP network time synchronization function
- Support regular restart, regular cleaning of running cache
- Support network diagnosis function: Ping, Traceroute, Nslookup
- Support one-key restore to factory settings
- Support desktop placement, wall-mounted, and rail-mounted installation methods
- Support static routing to meet the needs of complex subnet interconnection

## Dimensions



**USR-G805 Dimensions**

- Unit: mm.
- Installation Method: 35mm DIN-rail mounting, Panel mounting
- Dimensions: 86.0 \* 70.0\* 25.0mm(L\*W\*H).Power terminal, antenna connector are not included And mounting parts.

## Specifications

Hardware Specifications		
Cellular interface	Antenna	1 × SMA-K
	SIM card	1 x (3 V/1.8 V) Standard 2FF SIM, drawer-type sim card slots
WiFi (optional)	Antenna	Antennas: SMA-K * 1
	Spec.	Standards: IEEE 802.11b/g/n, Access point (AP) Frequency bands: 2.4GHz Data speed: 2.4G: up to 150Mbps Transmission distance: 100 meters by line of sight
	Security	WPA-PSK, WPA2-PSK, Open, TKIP/AES encryption
Ethernet	NO.	1 × LAN
	Spec.	RJ45 connector: 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX
Indicators	POWER	always on after powered on
	WORK	blinking when the router is ready and working properly
	NET	2/3/4G mode indicator: 2G-red, 3G-blue, 4G-purple
	SIG	Signal strength: weak-red, medium-blue, strong-purple
Power supply	Adaptor	DC 12V/1A
	Connector	DC Power Jack Barrel Type Female 5.5*2.1mm Round socket or 2 PIN industrial terminal block, reverse polarity protection
	Input voltage	DC 9-36V
	Rated power consumption	3.5W
Physical	Housing	Metal shell, IP30
	Dimensions	86.0mm * 70.0mm* 25.0mm
	Installation method	Panel mounting, DIN-Rail mounting, desktop
	Operating temperature	-20°C~70°C
	Storage temperature	-40°C~+125°C
	Operating humidity	5%~95%RH (non-condensing)
Others	Reload	Pinhole reset button
	USB	Firmware upgrading
Certification	CE, RoHS	

## Ordering guide

USR-G805 Ordering Guide		
Model	<b>USR-G805-ECEUX</b>	
Region	EMEA & Thailand & India	
Frequency	TDD-LTE	B38/B40/B41
	FDD-LTE	B1/B3/B7/B8/B20/B28A
	WCDMA	B1/B8
	GSM/GPRS/EDGE	B3/B8
Model	<b>USR-G805-ECAUX</b>	
Region	Australia & Latin America & New Zealand & Taiwan	
Frequency	TDD-LTE	B40
	FDD-LTE	B1/B2/B3/B4/B5/B7/B8/B28
	WCDMA	B1/B2/B4/B5/B8
	GSM/EDGE	B2/B3/B5/B8
Model	<b>USR-G805-ECEUX-WF</b>	
Wi-Fi	802.11 bgn	
Model	<b>USR-G805-ECAUX-WF</b>	
Wi-Fi	802.11 bgn	

## Purchase & Support

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- Official website: <https://pusr.com>
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