

USR-G805s Specification

4G LTE cellular router



Product Description

USR-G805s is a 4G industrial router with high performance and multiple network ports, Integrated technologies such as 4G LTE, Wi-Fi, Ethernet ports (4LAN and 1WAN) and VPN. Provides devices with advanced Internet connectivity and high-speed data access.

G805s provides USR Cloud services. This means that the router can be operated and maintained through the remote public network, and the configuration interface of the router can be opened remotely through the cloud to perform interface configuration and monitor status, providing large-scale convenient, efficient and fast operation and maintenance. This product adopts the ZTE solution module and is equipped with a high-performance CPU. The operating frequency can reach 580MHz. It is based on rich hardware interfaces and powerful software functions. Users can quickly build their own application networks with it.

The router takes up very little space and can be easily deployed even in tight spaces. It helps enterprise customers achieve efficient large-scale network deployment and management, and is very suitable for industrial IoT/commercial scenarios. Such as smart express cabinets, charging piles, battery replacement cabinets, vehicle equipment networking, video surveillance, city lighting, smart parking lots, city security monitoring, smart construction sites, smart transportation, tower monitoring, business and supermarket networking, home Internet access, etc.

Product Features

■ Stable and Reliable

- Industrial grade design, metal shell, protection grade IP30;
- Supports horizontal desktop placement and wall-mounted installation;
- Wide voltage DC 9-36V input, with reverse polarity protection;
- Multiple protections against static electricity, surges, and electrical fast bursts;
- Built-in hardware watchdog, EMC protection, fault self-detection, and self-recover to ensure system

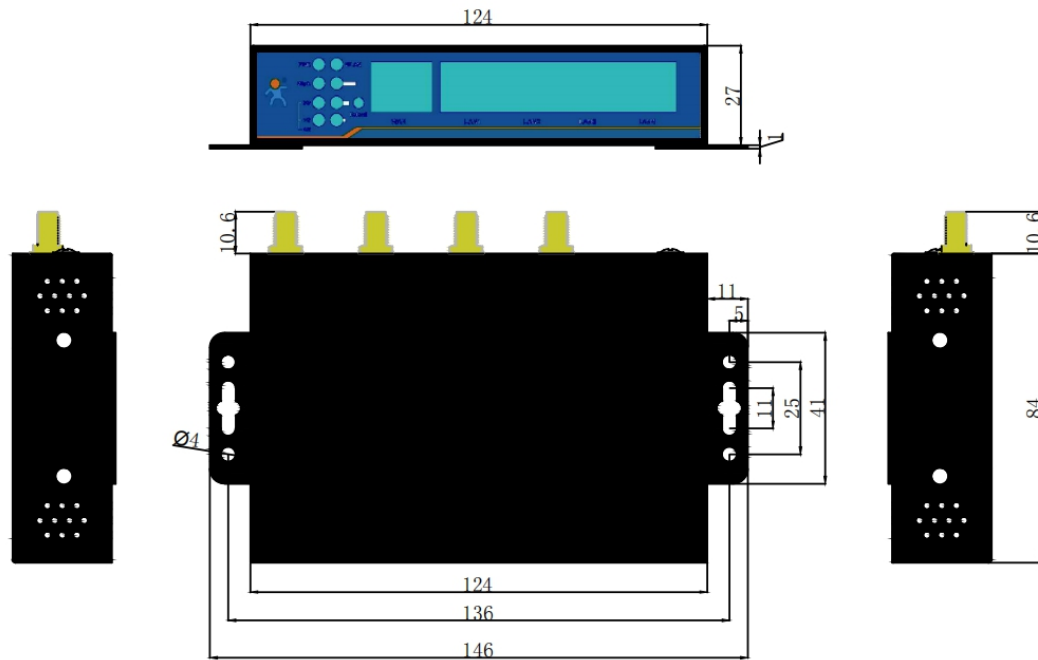
■ Flexible networking

- Support automatic network inspection, support APN/VPDN dedicated network card;
- Support wired/4G multi-network online at the same time, multi-network intelligent switching backup function;
- Support 2.4GHz band WiFi, automatically select wired/WiFi networking mode

■ 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;
- Rich interfaces: including 1*WAN, 4*LAN, WiFi, etc.;
- Support three VPNs (PPTP, L2TP, IPSec) and multiple VPN encryption functions;
- Support remote management platform services, with remote monitoring and remote upgrade functions;
- WAN port supports PPPoE, static IP, DHCP Client multiple access methods;
- Support configuration parameter import and export, greatly improving the efficiency of large-scale deployment;
- Support DDNS, static routing;
- Support firewall, NAT, DMZ, port forwarding, access restriction, etc.;
- Support peanut shell service, easy for customers to realize intranet penetration function;
- Support AT command: USR cloud AT command configuration to view device information.



Dimensions



USR-G805s Dimensions

- Sheet metal housing, stair fixing holes, compatible with DIN 35mm stair mounting hardware;
- The length, width and height are 124.0*84.0*27.0mm (L*W*H)

USR-G805 Series Selection Table

Series	Function	Single Ethernet port/Single Ethernet +WIFI
USR-G805s	USR-G805s	USR-G805-EH/WF
Product Pic		
Ethernet port	1WAN+4LAN	1LAN
VPN	PPTP、L2TP、IPSec	PPTP、L2TP
Wi-Fi	2.4G AP, maximum rate 300Mbps Carrying capacity: 20	-WF version: 2.4G AP2, maximum rate 150Mbps Load capacity: 8
USR Cloud	Supported, built-in web pages can be opened	Supported
Shell	sheet metal enclosure	ABS flame retardant plastic
Size (mm)	124.0*84.0*27.0	111.0*90.0*34.0

Specifications

Hardware Specifications		
Cellular	Frequency	TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B8 WCDMA: B1/B8 TD-SCDMA: B34/B39 GSM/GPRS/EDGE: B3/B8
	Antenna	2*Standard SMA-K antenna interface (outer thread and inner hole)
	SIM slot	Standard drawer-type SIM card slot, supports 3V/1.8V SIM/USIM cards
Ethernet	Port	1个WAN+4个LAN
	Specifications	RJ45 interface: 10/100 Mbps adaptive, compliant with IEEE 802.3, equipped with 1.5KV network isolation transformer protection
Wi-Fi	Standard	IEEE 802.11b/g/n, 2.4GHz, AP mode
	Data rate	IEEE 802.11b/g: Maximum 54Mbps, IEEE 802.11n: Maximum 300Mbps
	Antenna	2*Standard SMA-K antenna interface (outer thread and inner hole)
	Transmission distance	100M in an open area, the actual transmission distance depends on the site environment
Power	Adapter	DC 12V/1A
	Input voltage	DC9-36V
	Rated power consumption	3.5W
Physical	Housing	Metal shell, IP30
	Dimensions	124.0*84.0*27.0mm (L*W*H)
	Installation method	Panel mounting, DIN-Rail mounting, desktop
	EMC	International Level 2
	Operating temperature	-20℃~+70℃
	Storage temperature	-40℃~+125℃ (no condensation)
	Operating humidity	5%~95% (no condensation)
Others	Indicator light	PWR、WLAN、WORK、LAN、NET、SIG
	Reload	Pinhole reset button
	TBD	Adjust

Purchase & Support

■ For more information please visit our websites:

- Official website: <https://pusr.com>
- Official shop: <https://shop.usriot.com>
- Technical support: <http://h.usriot.com/>