



# Serial to 4G Cellular Modem/Router

■ ■ ■ USR-G781

USR-G781 is 3G/4G LTE router and cellular modem for data /networking communication over internet by remote control system.

To realize two-way transparent transmission between serial port and 3G/4G network

To build TCP/IP based on GSM/3G WCDMA/4G LTE network to carry out communication with high speed

■ ■ ■ RS232&RS485 to 3G/4G

- Supports American version, European version and Austrian version
- Two RJ45 port. WAN or LAN, it can be acted as router
- VPN (PPTP) Client, DHCP, Static IP
- APN+VPN
- Integrated Hardware and software watchdog timer
- Supports 4 TCP socket, works as TCP server, TCP client, UDP server, UDP client
- Wide voltage input 9~36V
- DDNS & NTP & Firewall & QoS functions
- ARM 9 Core Processor, embedded Linux system
- FTP self update protocol
- Function of static routing



Specifications	
<b>System Information</b>	
Processor	ARM 9
Network	GSM/GPRS/EDGE
	WCDMA
	TD-SCDMA
	TDD-LTE
	FDD-LTE
<b>Ethernet</b>	
Port Number	2
Interface Standard	1*LAN /1* WAN
<b>Serial</b>	
Ports	RS232 / RS485
Interface	RS-232*1, 9-pin D-sub RS-485*1, 2 wire (A+, B-)
Baud Rate	RS-232: 300 bps ~ 460.8K bps RS-485: 300 bps ~ 460.8K bps
Protection	RS-485: 2KV ESD Digital isolation protection
<b>Software</b>	
Work Mode	Transparent transmission, HTTPD Client
4 TCP Sockets	TCP Server/Client, UDP Server/Client
Network Protocol	TCP/UDP/DNS/HTTP/FTP
AT Command	Serial Port / Network
<b>Power</b>	
Input	DC 9 ~ 36V
Working Current	180mA@12V, Max 300mA@12V
<b>Accessories</b>	
Antenna	5dbi antenna
Power Adapter	12V1A power supply
<b>More</b>	
Certificate	CE, FCC, ROHS (Under revision)
Warranty	2 years

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