

WR100LAU SPECIFICATIONS

Compact and secure dual-SIM LTE CPE with RS485 or RS232 for various industrial use scenarios

Connectivity

Mobile	LTE Cat 4 WCDMA GSM
	Operating Band LTE Cat 4: LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/ B66 LTE TDD: B40 WCDMA: B1/B2/B4/B5/B8 GSM/EDGE :B2/B3/B5/B8
	Data Transmission LTE FDD: Max 150Mbps (DL)/Max 50Mbps (UL) LTE TDD: Max 130Mbps (DL)/Max 30Mbps (UL) HSPA+: Max 21Mbps (DL) HSUPA: Max 5.76Mbps (UL) WCDMA: Max 384Kbps (DL)/Max 384Kbps (UL) EDGE: Max 236.8Kbps (DL)/Max 236.8Kbps (UL) GPRS: Max 85.6Kbps (DL)/Max 85.6Kbps (UL)
WiFi	IEEE 802.11 b/g/n, 2.4 GHz
	Up to 144Mbps for 20MHz and 300Mbps for 40MHz data rates
Ethernet	1 x FE (LAN/ WAN) 1 x FE (LAN)
Network Protocol	TCP/ UDP/ PPP/ NTP/ NITZ/ FTP/ FTPS / HTTP/ HTTPS / PING/ CMUX / FILE/ MQTT/ MMS/ SMTP/ SSL

Interfaces

Ethernet Ports	1 WAN(10/100Mbps) 1 LAN (10/100Mbps)
Serial Port	1 serial port (RS485 or RS232 on demand)
SIM Slots	2
Mobile Antennas	2x SMA
WiFi Antenna	1x RP-SMA
Power Sockets	4 pin
LED Indicators	Power, Mobile Status, Mobile Signal Strength, WiFi
Reset Button	1

System Characteristics

RAM	128MB,DDR2
FLASH storage	16MB,SPI Flash

General Specifications

Dimensions	90mm x 90mm x 24mm
Weight	200g
Operating Voltage	8 - 32V DC
Operating Temperature	-30°C to + 70°C -40°C to + 80°C for storage

VPN

OpenVPN	Clients and server support
IPsec	Support
GRE	Support
PPTP, L2TP	Clients and server support

Security

Firewall	IP/MAC Filter, Domain Filter, NAT
Attack Prevention	DDOS, DMZ, port scan
WiFi Security	WPA-PSK, WPA2-PSK, AES
Access Control	Data connection port scan. Mac address filter.

Software

Operating System	Linux based OpenWrt OS
Alternative Link	Mobile, Wire, WiFi. Primary and backup link configured as requirement, auto load balance
Networking Features	NAT, Static/Dynamic routing(Rip Protocol), Firewall
Connection Monitoring	Ping Reboot, Scheduled Reboot
Remote Management	WEB UI, SSH, SMS, FOTA



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