WR245

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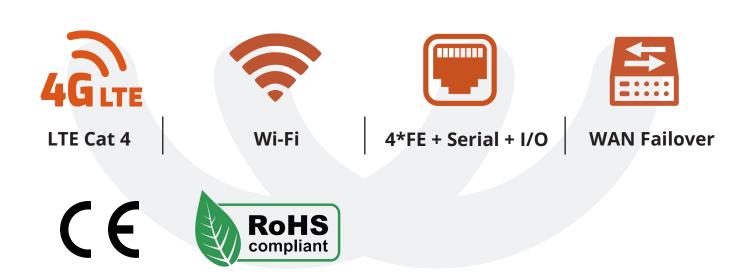## Cellular Industrial Router

WR245 is an industrial router that supports LTE Cat 4 access, 2.4GHz Wi-Fi, 4 Ethernet ports, RS232, RS485 and 4 I/O ports. It allows for integrating more devices and systems into your network, and delivers enhanced operational efficiency and connectivity!

4G LTE
LTE Cat 4

Wi-Fi

4*FE + Serial + I/O

WAN Failover

CE

RoHS compliant

KEY FEATURES

- 4*FE + 2.4GHz Wi-Fi + LTE
- 4G LTE Cat 4 Access, Dual Sim Slot
- 1*RS232 + 1*RS485 + 6*DI + 2*DO + 1*AI+1*RELAY
- Support Passive PoE-PD on 1 ETH Port
- WAN failover between ETH WAN and Cellular WAN
- VPN: PPTP, L2TP, IPSec, GRE, OpenVPN, WireGuard
- Modbus, MQTT
- Management: Web GUI, SSH, TR069, SNMP, SMS, RMS

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SPECIFICATIONS

Hardware

Ethernet	4*10/100Mbps Port
Cellular	LTE Cat 4
Wi-Fi	2.4GHz
Serial Port	1*RS232 + 1*RS485
I/O	6*DI + 2*DO + 1*AI+1*RELAY
PoE	Passive PoE PD
Antenna	2*RP-SMA Wi-Fi Antenna
	1*SMA Cellular Antenna
	1*SMA for Cellular or GNSS
Sim Card Slot	2*4FF
GNSS	Optional
LED	Power, System, Wi-Fi, Cellular, Signal Strength
Power	4-pin Molex
Reset Button	1
Grounding Screw	1
Housing Material	Aluminium
Ingress Protection	IP30
Weight	270g
Size	114*88*40mm
Operating temperature	-40℃~75℃
Operating humidity	10% to 90% non-condensing
Installation	Desktop, Wall-mounted, Din-rail

Software

Network	Multi-WAN: ETH WAN, Cellular WAN
	WAN Failover, Load Balancing
Protocols	PPPoE, TCP, UDP, DHCP, NAT, DNS, NTP, SMTP, Telnet,ICMP, HTTP, HTTPS, TLS, ARP, VLAN, SSH2, DDNS
Cellular	LTE Cat 4
	SMS, Dual-APN, Band Lock, PIN Management, IP Passthrough
	Sim auto-switch
Wi-Fi	Standard: IEEE 802.11b/g/n
	Frequency: 2.4GHz
	Security: WPA-PSK, WPA2-PSK, WEP
	Encription: AES, TKIP
	Wi-Fi Users: Up to 16 Users
	Whitelist, Blacklist
VPN	PPTP, L2TP, IPSec, GRE, OpenVPN, WireGuard
MQTT	MQTT Broker, MQTT Publisher
	MQTT Gateway
	Data to Server
Modbus	Supported Mode: Server, Client
	Supported Types: TCP
	Supporetd Data Formats:8-bit INT / UINT, 16-bit INT / UINT, 32-bit float / INT / UINT, HEX, ASCII
Routing	Static Route, Policy Route, BGP, OSPF, RIP, NHRP, VRRP
Security	Firewall, DMZ, Anti-DDOS, Website Filtering, Access Control, 802.1x
Device Management	Web GUI, SSH, TR069, SNMP, SMS, RMS