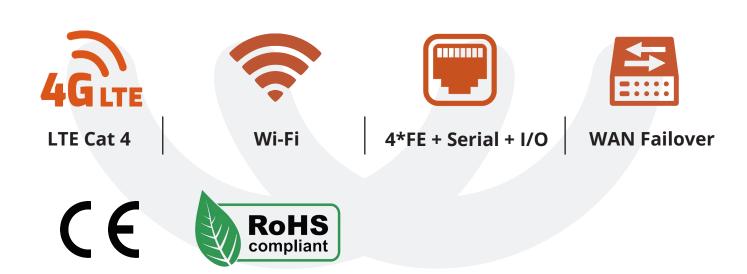
WR245





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!



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







SPECIFICATIONS

wavetel

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 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 C ~75 C

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, 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 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



