

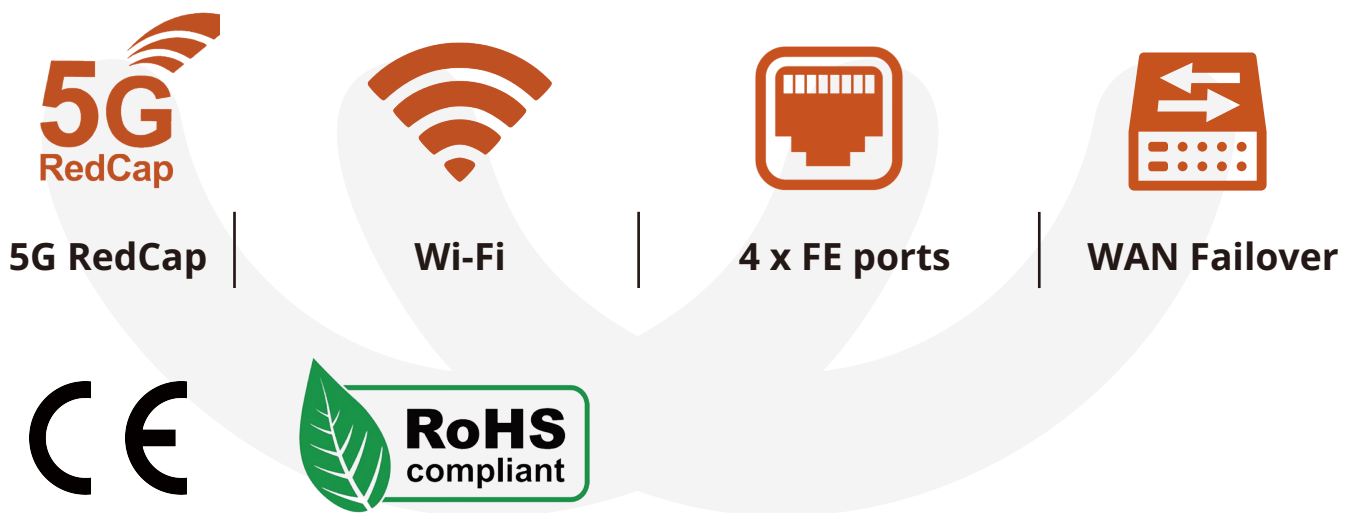
WR254



WR254 VIEW

5G RedCap Industrial Router

WR254 is an industrial router that supports 5G RedCap access, 2.4GHz Wi-Fi and 4 Ethernet ports. Complying with 3GPP Rel-17 RedCap, it can also work in LTE Cat 4 and 5G SA networks. With industrial-grade design, WAN failover and multiple mounting methods, it makes WR254 very flexible to deploy.



KEY FEATURES

- 4*FE + 2.4GHz Wi-Fi + 5G Redcap
- 3GPP Rel-17 Complied, compatible with 5G SA and 4G LTE
- 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
- Small footprint, support Wall-mounting and Din-Rail Mounting



SPECIFICATIONS



Hardware

Ethernet	4*10/100Mbps Port
Cellular	5G RedCap
Wi-Fi	2.4GHz
Serial Port	-
I/O	1*DI
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	5G RedCap 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 Encryption: 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 Supported 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



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