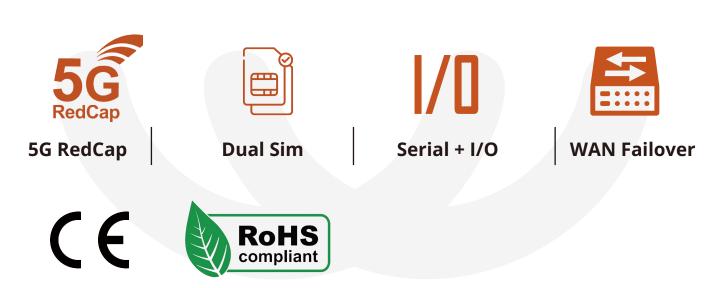
WR153





5G RedCap Industrial Router

WR153 supports 5G RedCap connectivity and is expertly designed for the M2M and IoT industries. With its compact form factor, two Ethernet ports, serial port and I/O ports, WR153 ensures your devices remain connected and responsive with lower latency.



KEY FEATURES

- Compact design
- 5G Redcap, compatible with 5G SA and 4G LTE
- 1*PoE-PD FE + 1*FE
- 1*RS232 or RS485 + 2*I/O
- 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



Hardware

Ethernet 2*10/100Mbps Port

Cellular 5G RedCap Wi-Fi 2.4GHz

Serial Port 1*RS232 or 1*RS485

1*DI(Dry Contact) + 1*DI(Dry Contact)/DO(Wet contact)

PoE PoE PD

Antenna 1*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 2-pin Terminal Block, 6 - 58V DC

Reset Button 1
Grounding Screw 1

Housing Material Aluminium Ingress Protection IP30 Weight 200g

Size 85*80*27.5mm 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, 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



