

RUT241



RUT241 360° VIEW

INDUSTRIAL CELLULAR ROUTER

// RUT241 is the modified version of our all-time bestseller RUT240 that inherited its' best features, including industrial design, compact size, multiple connection interfaces, and compatibility with RMS.

// Equipped with 4G LTE, Wi-Fi, and two Ethernet ports, this router offers unstoppable connection continuity with a backup through automatic failover.

// Digital Inputs and Outputs coupled with advanced RutOS software enable solution automation scenarios.

// RUT241 is an excellent fit in various IoT and M2M solutions that require easy setup, reliable network, and remote accessibility.



CONNECTIVITY

4G LTE (Cat 4), 3G, 2G

WI-FI

Wireless Access Point with Hotspot functionality

WAN FAILOVER

Automatic switching to available Backup connection

RMS

For remote management, access & VPN services



RMS COMPATIBLE WITH RUT241

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

REMOTE MANAGEMENT SYSTEM

KEY FEATURES

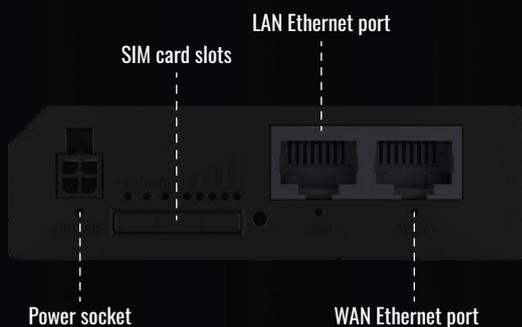
HARDWARE

| | |
|------------------------|--|
| Mobile | 4G/LTE (Cat 4), 3G, 2G |
| CPU | Mediatek MIPS 24Kc 580 MHz |
| Storage | 16 MB Flash |
| Memory | 128 MB RAM |
| Powering option | 4pin power socket, 9-30 VDC |
| SIM | 1 x External SIM holder (2FF) |
| Antenna connectors | 2 x SMA for mobile, 1 x RP-SMA for WiFi |
| Ethernet | 2 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 1 x LAN |
| WiFi | IEEE 802.11b/g/n, Access point (AP), Station (STA) |
| Inputs/Outputs | On 4pin socket: 1 x Digital input, 1 x Digital open collector output |
| Status LEDs | 3 x Connection type, 5 x Signal strength, 2 x Ethernet, 1 x Power |
| Operating temperature | -40 °C to 75 °C |
| Housing | Aluminium housing with DIN rail mounting option, plastic panels |
| Dimensions (W x H x D) | 83 x 25 x 74 mm |
| Weight | 125 g |

SOFTWARE

| | |
|---------------------------|---|
| Operating system | RutOS (OpenWrt based Linux OS) |
| Mobile features | Auto APN, Band lock |
| Network protocols | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet |
| Network | Failover (Network backup), VLAN, QoS, Load Balancing |
| Security | DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), Port scan prevention (SYN-FIN, SYN-RST, X-mas, NULL flags, FIN scan attacks) |
| VPN and tunneling | OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard |
| Monitoring and Management | WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS |
| Connection monitoring | Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection |
| Cloud solutions | RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx |
| SMS features | SMS status, SMS configuration, Send/Read SMS via HTTP POST/GET, EMAIL to SMS, SMS to Email, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP |
| Services | DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Traffic Logging |

FRONT VIEW



BACK VIEW

