

# RUTM09

## 4G LTE ROUTER



RUTM09 360° VIEW

The RUTM09 is a wireless 4G LTE router developed for high-cellular-speed applications. It comes with Cat 6 and dual SIM capabilities, enabling the device to support speeds of up to 300 Mbps and functions like carrier aggregation and failover. Additionally, the RUTM09 comes with four Gigabit RJ45 ports and includes GNSS, enabling GPS tracking for precise location detection. These features make the RUTM09 an exceptional choice for ensuring non-interruptible network connectivity for mobile applications or those requiring tracking.



### CONNECTIVITY

Dual SIM, 4G LTE (Cat 6) with speeds of up to 300Mbps

### PERFORMANCE - DRIVEN

Equipped with failover and carrier aggregation for uninterrupted, high-data throughput

### INTERFACES

4 x Gigabit RJ45 ports, USB, and up to 128 tag/port-based VLANs

### GNSS

Location services and time synchronisation for precise data reading



# RMS

REMOTE MANAGEMENT SYSTEM

# COMPATIBLE WITH RUTM09

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

# KEY FEATURES

## HARDWARE

Mobile	4G (LTE) – Cat 6 up to 300 Mbps, 3G – Up to 42 Mbps
CPU	MediaTek, Dual-core, 880 MHz, MIPS1004KC
RAM	256 MB, DDR3
Storage	16MB serial NOR flash, 256MB serial NAND flash
Powering options	4-pin industrial DC power socket, 9 - 50 VDC
SIM	2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holders
Antenna connectors	2 x SMA for Mobile, 1 x SMA for GNSS
Ethernet	4 x RJ45 ports, 10/100/1000 Mbps
GNSS	GPS, GLONASS, BeiDou, Galileo and QZSS
Inputs/Outputs	1 x Digital Input, 0 - 6 V detected as logic low, 8 - 50 V detected as logic high, 1 x Digital Output, Open collector output, max output 50 V, 300 mA
Grounding	1 x Grounding screw
Status LEDs	3 x WAN type LEDs, 3 x Mobile connection type, 5 x Mobile connection strength, 8 x LAN status, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	115 x 44.2 x 95.1 mm
Weight	457 g

## SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	SIM switch, Status, SMS, USSD, Black/White list, Multiple PDN, Band management, SIM idle protection service, APN, Bridge, Passthrough
Network features	VoIP passthrough support, Connection monitoring, Firewall, Firewall status page, Ports management, Network topology, DHCP, QoS / Smart Queue Management (SQM), DDNS, Network backup, Load balancing, Hotspot, SSHFS, VRF support
Security	Authentication, Firewall, Attack prevention, VLAN, Mobile quota control, WEB filter, Access control
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, Tailscale
Monitoring and Management	WEB UI, FOTA, SSH, SMS, Call, Email, TR-069, MQTT, SNMP, JSON-RPC, RMS
Cloud solutions	RMS, Cloud of Things, ThingWorx, Cumulocity, Azure IoT Hub
Services	BacNET, OPC UA, MODBUS, Data to Server, Modbus MQTT GATEWAY, DNP3, DLMS
Location Tracking	GNSS, Coordinates, NMEA, NTRIP, Server software, Geofencing

### FRONT VIEW

### BACK VIEW

