RUT956

INDUSTRIAL CELLULAR ROUTER

RUT956 360° VIEW

MAIN ANTENNA   AUX ANTENNA

TELTONIKA | Networks

Made in Lithuania
TELTONIKA NETWORKS UAB
K. Barsausko st. 66
LT-51436 Kaunas, Lithuania

RUT956   CE EAC

(9-30V) + □□ - (GND)   Default IP: 192.168.1.1
INPUT □□ OUTPUT   User/Pass: admin/admin01

CONNECTIVITY

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

GNSS

Global Navigation Satellite System for location services and time synchronization

RMS

Compatible with Teltonika Remote Management System

DUAL SIM

For additional connection reliability

I/O

Multiple digital and analog inputs and outputs for equipment cotntrol and event notification

SERIAL PORTS

RS232/RS485 serial communication interfaces

RUT956

PRODUCT DESCRIPTION

// RUT956 is an industrial router that combines dual-SIM cellular 4G LTE, Wi-Fi, and wired connectivity options and additionally offers GNSS capabilities.

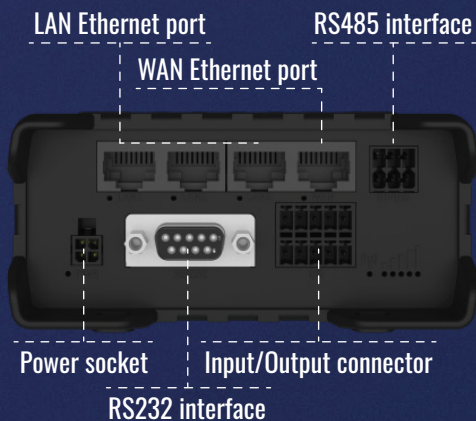// Automatic WAN failover ensures solution uptime even if the primary connection is lost.

// Serial communication interfaces enable integrating more varied devices to the solution ecosystem, even legacy equipment.

// Digital and analog Inputs/Outputs with advanced RutOS software features facilitate equipment control, automation, and event notifications.
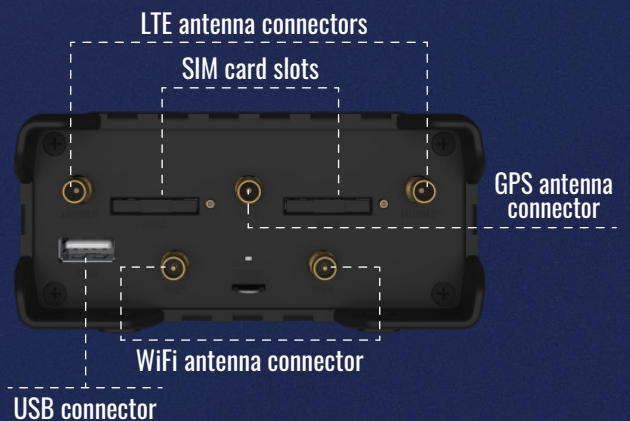
// Packed with advanced industrial software features, including Modbus, SNMP, TR-069, NTRIP, MQTT, and multiple VPNs.

FRONT VIEW

LAN Ethernet port   RS485 interface

WAN Ethernet port

Power socket   Input/Output connector

RS232 interface

BACK VIEW

LTE antenna connectors

SIM card slots

GPS antenna connector

WiFi antenna connector

USB connector

KEY FEATURES

HARDWARE

Mobile	4G/LTE (Cat 4), 3G, 2G
CPU	Mediatek MIPS 24Kc 580MHz
Storage	16 MBytes Flash
Memory	128 MBytes RAM
Powering option	4pin power socket, 9-30 VDC
SIM	2 x External SIM holders (2FF)
Antenna connectors	2 x SMA for mobile, 2 x RP-SMA for WiFi, 1 x SMA for GPS
Ethernet	4 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 3 x LAN
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
GNSS	GPS, GLONASS, BeiDou, Galileo, QZSS
Inputs/Outputs	On 4pin socket: 1 x Digital input, 1 x Digital open collector output On 10pin socket: 1 x Isolated digital input, 1 x Digital dry input, 1 x Analog input, 1 x Isolated open collector output (requires external voltage), 1 x Relay output (non-latching)
Serial	1 x RS232, 1 x RS485
Other	1 x USB host
Status LEDs	1 x Bi-Color connection type, 5 x Signal strength, 4 x Ethernet, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing with DIN rail mounting option, plastic panels with flat mounting option
Dimensions (W x H x D)	110 x 50 x 100 mm
Weight	295 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Band lock, SIM switch, Operator black/white list, Data/SMS limits
Network	Failover (Network backup), VLAN, QoS, Load Balancing
Monitoring and management	WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Cloud solutions	RMS, FOTA, Telenor, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
NTP	NTP Server, NTP Client, Sync with: External NTP server, GNSS, Mobile operator
GNSS	NMEA forwarding, AVL, Geofencing
Modbus	TCP slave, TCP master, RTU master, RTU gateway, Modbus over MQTT
Serial	Console, Over IP, Modem, NTRIP, Modbus

RMS

RMS | REMOTE MANAGEMENT SYSTEM
COMPATIBLE WITH RUT956

MANAGEMENT | ALERTS | VPN ON DEMAND | ACCESS | FOTA

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