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Teltonika RUT956 Industrial 4G Router, GPS + RS232

SKU: M2M-TE-00059
MPN: RUT956
Barcode: 4779051840175

Description

RUT956 is a highly reliable and secure 4G LTE router with I/O, GNSS and RS232 / RS485 / Modbus for professional applications. The 956 model extends the standard RUT95x platform by providing an extensive set of industrial digital communication protocols.

The RUT9556 router delivers high performance, critical cellular communication and GPS location capabilities. RUT956 is equipped with connectivity redundancy through dual SIM failover. External antenna connectors make it possible to attach desired antennas and to easily find the best signal location.

Teltonika

In 21 years we have launched to mass production over 100 different devices in IoT, Networking, Connected vehicles, Asset and personal Tracking areas. That makes over 8.600.000 million devices sold worldwide in over 150 different countries. Although these numbers are impressive, Teltonika is more than that – we are about innovating, inspiring, connecting, educating and reliable partnership.

By ...

Network Interfaces

Wireless Interfaces

Bluetooth Interface

Protocol:	Bluetooth 4.0

Cellular Module

Technologies:	4G LTE
Failover:	Automatic

4G LTE Specifications

MIMO:	2x2 MIMO	DL Category:	Cat 4
LTE Bands:	B1 , B2 , B3 , B4 , B5 , B7 , B8 , B28 , B40		

SIM Cards

Quantity	SIM Type

2	Standard SIM (2FF)

Modem RF Connectors

RF Connector Function	Quantity	RF Interface
Cellular	2	SMA Female

GNSS Module

Technologies:	BeiDou, Galileo, GLONASS, GPS, QZSS

Device RF Interface

RF Connector Function	Quantity	RF Interface
GNSS	1	SMA Female

WiFi Module

No. Radios:	1	Max. Clients:	100
		No. Antennas:	2

WiFi Radios

Radio Name (Optional)	WiFi Standard	Frequency Bands	MIMO
Radio A	802.11n	2.4 GHz	2x2 MIMO

WiFi RF Connectors

RF Connector Function	Quantity	RF Interface

WiFi	1	RP-SMA Female

Ethernet Interfaces

Interface	Quantity	Function	Signalling	PoE Input
RJ45 Copper	3	LAN	100BASE-T, 1000BASE-T	Passive PoE
RJ45 Copper	1	WAN/LAN	100BASE-T, 1000BASE-T	

Physical Specification

Subtype:	Router	Dimensions:	110 × 100 × 50 mm
Min. Operating Temperature:	-40 °C	Weight:	287 g
Max. Operating Temperature:	75 °C	Materials:	Aluminium
Ingress Protection:	IP30	Mounting:	Teltonika Modem Screw Pattern
		Compliance/Certifications:	CE , R-NZ , RCM , RoHS

IO Interfaces

IO Connector	Quantity
GPIO 4-Pin	1
DE-9 Serial	1

Power Specifications

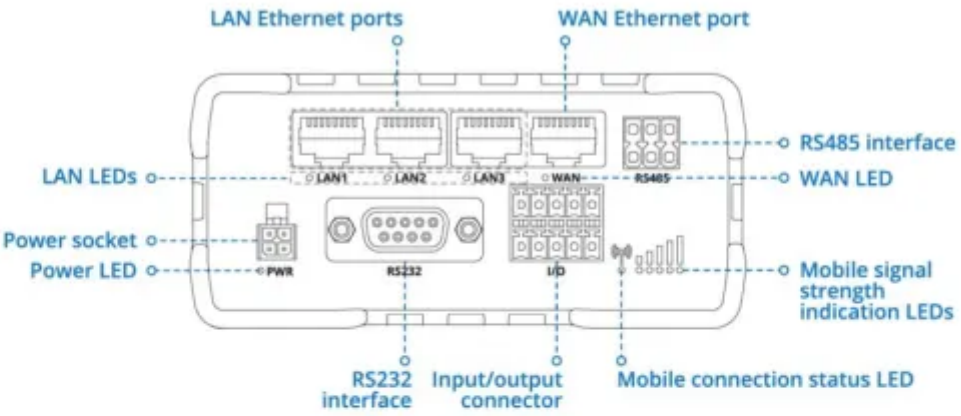
Max. Consumption:	7 W
Power Options:	DC Power Input Power over Ethernet

Power Interface

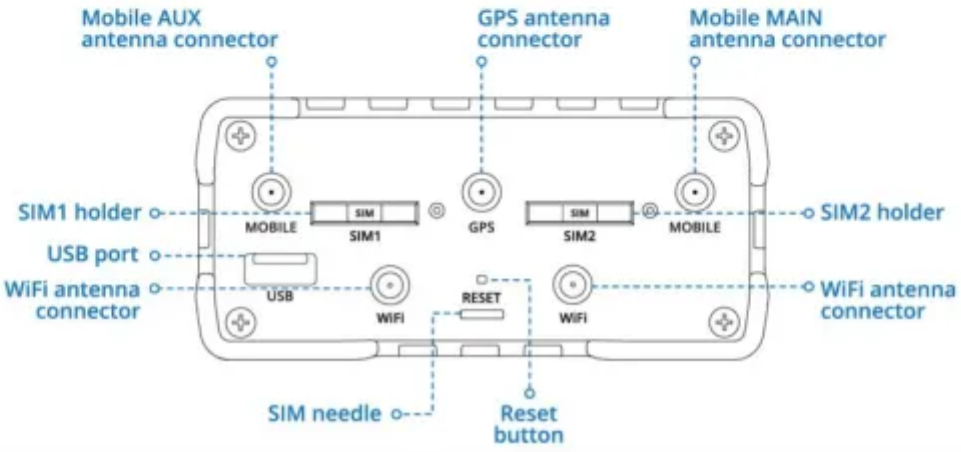
Power Connector	Nominal Voltage	Min. Input Voltage	Max. Input Voltage	Voltage Type
Molex, 4-Pin Square Micro-Fit	12 V	9 V	30 V	DC

Drawing

Front view



Back view



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