Page

Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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
LTE Bands
B1
,

B2
,
B3
,
B4
,
B5
,
B7
,
B8
,
B28
,
B40

DL Category

Cat 4

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

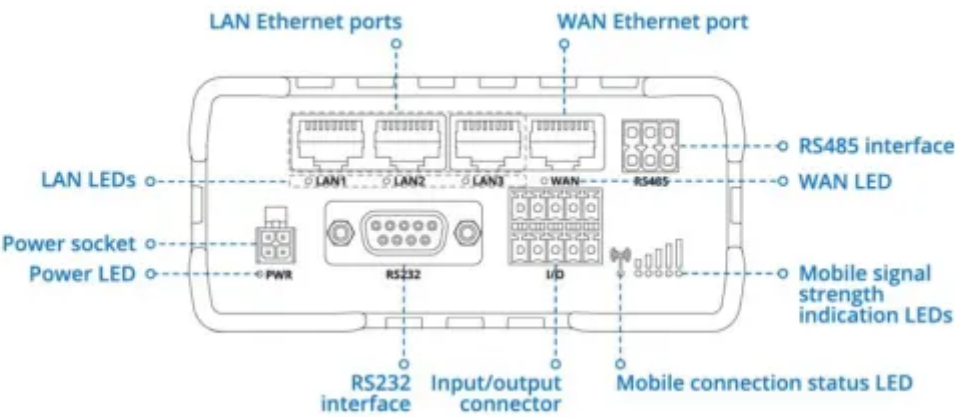| IO Connector	Quantity
GPIO 4-Pin	1
DE-9 Serial	1

Power Specifications

Max. Consumption

7 W

Power Options
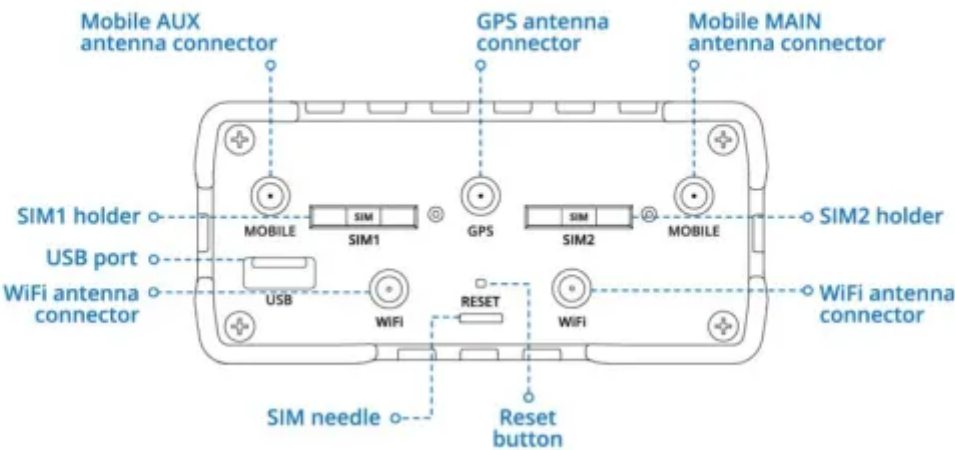
DC Power Input

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual

property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.