

Teltonika RUT955

Industrial 4G Router with Unwired Cloud OS

RUT955 is a highly reliable industrial 4G Cat 4 router that delivers high performance and GNSS location capabilities.

Ethernet, Digital, RS485, GNSS (GPS), microSD, and USB interfaces allow for an incredible variety of automotive and industrial application scenarios. It is equipped with connectivity redundancy via Dual

SIM failover. It comes with Unwired Cloud OS which is packed with advanced applications, like Passenger WiFi, vehicle communication gateway and remote management. The device is suited for self-installation, especially in automotive (bus, special vehicles,...) and distributed stationary applications (vending machines, remote monitoring,...).



Applications / Key Features:

- ✓ Passenger WiFi, Passenger Entertainment and Information
- ✓ Vehicle Communication Gateway
- ✓ Device Management and Telemetry
- ✓ Reliable Connectivity
- ✓ Remote Access

Mobile/Cellular	1x 4G (CAT4), 3G, 2G
SIM	2x Mini SIM
WiFi/WLAN	1x WiFi 4, 2,4 Ghz
Ethernet	4x RJ45 Fast Ethernet
Extended Storage	SD-Card
Positioning	Multi-GNSS
Temperature	-40°C to +75°C
Software	Unwired Cloud OS
Compliance	CE (RED), Automotive: ECE R10 (E-Mark) ECE R118

Specifications

Mobile/Cellular

Standard

1x4G (CAT 4), 3G, 2G

Connector

2x SMA (4G)

WiFi/WLAN

Standard

IEEE 802.11b/g/n
Single-band 2.4 GHz
2x2 MIMO

Bit rate (max)

300 Mbps 2.4 GHz

Modes

Access Point (max. 100 Clients)

Connector

2x RP-SMA

Ethernet

4 x Fast Ethernet

Standard

100Base-TX, Auto MDIX

Connector

4x RJ45

USB

USB 2.0 Host Port

Connector

1x Type A

Positioning

GNSS Receiver

GPS, GLONASS, BeiDou, Galileo and QZSS

Antennas

passive

Connector

1x SMA

System

Core

Atheros Wasp, MIPS 74Kc, 550 MHz,
RAM 128 MB, DDR2, Flash 16 MB, SPI
Flash

Extended Storage

SD-Card up to 32 GB

Power

Connector

4 pin industrial DC power socket
Passive PoE over spare pairs. Possibility
to power up through LAN port, not com-
patible with IEEE802.3af, 802.3at and
802.3bt standards

Voltages

9 – 30 VDC reverse polarity protection;
surge protection >31 VDC 10us max
Power consumption: < 2 W idle, < 7 W
Max

Other

Mounting

DIN rail (can be mounted on two sides),
flat surface placement

Dimensions

110 x 50 x 100 mm ((W x H x D)
Weight 287 g

Environment

Operating Temperature -40 °C to +70 °C
Ingress Protection Level IP30

Software

Unwired Cloud OS (licence included)

*Features (require Unwired Edge Cloud
subscription):* Cloud Device- and Network
Management, Passenger WiFi with Pass-
enger Information and Entertainment,
Uplink Aggregation, Remote Access,
Monitoring and Telemetry

Certifications

CE (RED), Automotive: ECE R10 (E-mark)
ECE R118

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