

# RUT955 Router



Dual SIM



Linux powered

RoHS Compliant

ISO 9001



CERTIFIED ORGANISATION

## Description

RUT955 is highly reliable and secure LTE router for professional applications. Router delivers high performance, mission-critical cellular communication and GPS location capabilities. RUT955 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.



## Key Features

### Hardware

- LTE
- WiFi
- GPS (optional)
- 9 - 30 VDC
- 3 x LAN
- 1 x WAN
- 3 x Input
- 2 x Output
- RS232
- RS485
- microSD
- USB 2.0
- DIN Rail Mount (optional)
- Dual SIM

### Software

- OpenVPN
- PPTP
- Ping Reboot
- Web Filter
- IPsec
- Dynamic DNS
- GRE Tunnel
- L2TP
- Periodic Reboot
- SMS Control
- SNMP
- Mobile on Demand
- WiFi Hotspot
- VRRP
- Mobile Quota Control
- Backup WAN
- NTP
- Configuration Profiles
- RS232/485 Console
- RS232/485 over IP
- Input Triggers
- Samba Share
- Dual WebUI for recovery

If You think that this is not enough to win ALL Your potential customers - please contact us to get an advice on how to use it in Your application!

LTE

# Specifications



Technology/Version	Bands		
	EU/AFRICA version RUT955 Hxxxxx	US version RUT955 Jxxxxx	Asia/Australia version
LTE	FDD B1/B3/B5/B7/B8/B20 TDD B38/B40/B41	FDD B2/B4/B12	FDD B1/B2/B3/B4/B5/B7/B8/B28 TDD B40
3G	850/900/2100 MHz	850/1700/1900 MHz	850/900/1900/2100 MHz
2G	900/1800 MHz	-	850/900/1800/1900 MHz

Technology/Version	Data rates (DL/UL)		
	EU/ASIA version	US version	Asia/Australia version
LTE	FDD 150/50 Mbps TDD 130/35 Mbps	FDD 150/50 Mbps	FDD 150/50 Mbps TDD 130/35 Mbps
DC-HSPA+	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps
WCDMA	384/384 kbps	384/384 kbps	384/384 kbps
EDGE	236.8/236.8 kbps	-	236.8/236.8 kbps

## Ethernet

- IEEE 802.3, IEEE 802.3u standards
- 3 x LAN 10/100 Mbps Ethernet ports
- 1 x WAN 10/100 Mbps Ethernet port
- Supports auto MDI/MDIX

## WiFi

- IEEE 802.11b/g/n WiFi standards
- 2x2 MIMO
- AP and STA modes
- 64/128-bit WEP, WPA, WPA2, WPA&WPA2, EAP-PEAP encryption methods
- 2.401 – 2.483 GHz WiFi frequency range\*
- 20 dBm max WiFi TX power
- SSID stealth mode and access control based on MAC address

## Hardware

- High performance 560 MHz CPU with 128 Mbytes of DDR2 memory
- 2 pin industrial DC power socket
- Attachable DIN rail adapter (optional)
- 4 pin industrial socket for 2/4 wire RS485
- DB9 socket for full-featured RS232
- USB A socket for external devices
- Reset/restore to default button
- 2 x SMA for LTE, 1 x SMA for GPS, 2 x RP-SMA for WiFi antenna connectors
- 4 x Ethernet LEDs, 1 x power LED
- 1 x bi-color connection status LED, 5 x connection strength LEDs
- 10 pin industrial socket for inputs/outputs:
  - 0 - 3 V digital input
  - 0 - 30 V digital galvanically isolated input
  - 0 - 24 V analog input
  - 30 V, 250 mA digital open collector output
  - 40 V, 4 A SPST relay output



## Software

- OpenVPN, IPsec, GRE, L2TP, PPTP
- Backup WAN
- PPPoE
- Dynamic DNS
- SMS and ping reboot, periodic reboot
- Status, configuration via SMS
- Send/read SMS via HTTP POST/GET
- Monitoring by SNMP, SNMP trap
- System log to record the status of the router
- VRRP
- Web filter
- Wireless hotspot with or without RADIUS server
- SIM card switch controlled by signal, data limit, roaming
- RS232/485 serial console
- RS232/485 over IP
- Input triggers for SMS, e-mail, SIM card, profile, WiFi, reboot, output
- Configuration profiles
- Firmware update from bootloader via WebUI
- Restore point



## Electrical, Mechanical & Environmental

- Dimensions (H x W x D) 80 mm x 106 mm x 46 mm
- Weight 265 g
- Power supply 100 – 240 VAC -> 9 VDC wall adapter
- Input voltage range 9 – 30 VDC
- Power consumption < 7 W
- Operating temperature -40 °C to 75 °C
- Storage temperature -45 °C to 80 °C
- Operating humidity 10 % to 90 % non-condensing
- Storage humidity 5 % to 95 % non-condensing

\*Supported frequency bands are dependent on geographical location and may not be available in all markets.

Teltonika reserves the right to modify the functionality of the device without any prior notice. Document version 2.7 (2017/12/19)  
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