TELTONIKA

RUT950 Router

LTE

Dual SIM

ISO 9001

CERTIFIED ORGANISATION

Description

RUT950 is highly reliable and secure LTE router for professional applications. Router delivers high performance, mission-critical cellular communication. RUT950 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
- 9 - 30 VDC
- 3 x LAN
- 1 x WAN
- Dual SIM

Software
- OpenVPN
- PPTP / L2TP
- IPSec
- GRE Tunnel
- Ping Reboot
- Web Filter
- Dynamic DNS
- QoS
- Periodic Reboot
- SMS Control / Gateway
- SNMP
- Mobile on Demand
- Hotspot
- VRRP
- Mobile Quota Control
- Backup WAN
- NTP
- Configuration Profiles
- Dual WebUI for recovery
- TR-069

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!

Specifications

Technology/ Version		Bands					
	EU CAT.4 version RUT950 Gxxxxx	EU/ASIA version RUT950 1xxxxx	EU version RUT950 2xxxxx	US version RUT950 3xxxxx	US version RUT950 4xxxxx/6xxxxx	US/CHINA version RUT950 5xxxxx	ASIA/OCEANIA version RUT950 7xxxxx
LTE	**FDD** B1/B3/B7/B8/B20	**FDD** B1/B2/B3/B5/B7/ B8/B20	**FDD** B3/B7/B20	**FDD** B2/B4/B5/B17	**FDD** B2/B4/B5/B13/ B17/B25	**FDD** B1/B3/B8 **TDD** B38/B39/B40/B41	**FDD** B1/B2/B3/B5/B7/B8/ B20/B28
3G	900/2100 MHz	850/900/1900/2100 MHz	850/900/2100 MHz	850/1900 MHz	AWS/850/900/1900/ 2100 MHz	850/900/1800/2100 MHz	850/900/1900/2100 MHz
2G	900/1800 MHz	800/850/1800/1900 MHz	900/1800 MHz	-	800/850/1800/1900 MHz	900/1800 MHz	850/900/1800/1900 MHz

Technology/ Version		Data rates (DL/UL)					
	EU CAT.4 version RUT950 Gxxxxx	EU/ASIA version RUT950 1xxxxx	EU version RUT950 2xxxxx	US version RUT950 3xxxxx	US version RUT950 4xxxxx/6xxxxx	US/CHINA version RUT950 5xxxxx	ASIA/OCEANIA version RUT950 7xxxxx
LTE	150/50 Mbps	100/50 Mbps	100/50 Mbps	100/50 Mbps	100/50 Mbps	**FDD** 150/50 Mbps **TDD** 112/10 Mbps	150/50 Mbps
DC-HSPA+	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps
WCDMA	384/384 kbps	384/384 kbps	384/384 kbps	384/384 kbps	384/384 kbps	384/384 kbps	384/384 kbps
EDGE	236.8/236.8 kbps	236.8/236.8 kbps	296/236.8 kbps	-	236.8/236.8 kbps	236.8/236.8 kbps	236.8/236.8 kbps

Ethernet

- IEEE 802.3, IEEE 802.3u standards
- 3 x LAN 10/100Mbps Ethernet ports
- 1 x WAN 10/100Mbps 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 encryption methods
- 2.401 – 2.495GHz WiFi frequency range
- 20dBm 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
- 5.5/2.5mm DC power socket (terminal block connector optional)
- Reset/restore to default button
- 2 x SMA for LTE, 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
- Optional: Din rail or panels with integrated mounting flanges

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, TR-069
- System log to record the status of the router
- VRRP
- QoS and web filter
- Wireless hotspot with or without RADIUS server
- SIM card switch controlled by signal, data limit, roaming
- 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	250 g
Power supply	100 – 240 VAC -> 9 VDC wall adapter
Input voltage range	9 – 30VDC
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

HQ JSC Teltonika
Saltoniskiu str. 10C, LT-08105,
Vilnius, Lithuania
Phone: +370 5 2127472
Fax: +370 5 2761380
info@teltonika.lt
www.teltonika.lt

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