RUT905 Router



HSPA+

Dual SIM

3G

Linux powered

RoHS Compliant

ISO 9001

DNV CERTIFIED ORGANISATION

Description

RUT905 is highly reliable and secure 3G router for professional applications. Router delivers high performance, mission-critical cellular communication. RUT905 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

- 3G
- WiFi
- 9 - 30 VDC
- 3 x LAN
- 1 x WAN
- 3 x Input
- 2 x Output
- RS232
- RS485
- microSD
- USB 2.0
- DIN Rail Mount
- 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 Image

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

UMTS
- 850/900/AWS1700/1900/2100 MHz
- HSDPA mode: 21 Mbps (Cat 14) downlink speed
- HSUPA mode: 5.76 Mbps (Cat 6) uplink speed
- UMTS mode: 384 kbps DL, 384 kbps UL
- RX diversity antenna

GSM/GPRS/EDGE
- 850/900/1800/1900 MHz
- Power class 4 (2 W, 33 dBm) GSM/GPRS 850/900 MHz
- Power class 1 (1 W, 30 dBm) GSM/GPRS 1800/1900 MHz
- Power class E2 (0.5 W, 27 dBm) for EDGE 850/900 MHz
- Power class E2 (0.4 W, 26 dBm) for EDGE 1800/1900 MHz
- GSM: 14.4 kbps DL, 14.4 kbps UL
- GPRS: 107 kbps DL, 85.6 kbps UL (class 33)
- EDGE: 296 kbps DL, 236.8 kbps UL (class 33)



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 encryption methods
- 2.401 – 2.495 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
- 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 3G, 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, 4A 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
- Dual image with safemode firmware
- 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	280 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

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

Teltonika reserves the right to modify the functionality of the device without any prior notice. Document version 1.08 (2015/04/16)