



# RUT900 Router



Dual SIM

HSPA+

## Description



Linux powered

RoHS Compliant

ISO 9001



DNV

CERTIFIED ORGANISATION

RUT900 is highly reliable and secure 3G router for professional applications. Router delivers high performance, mission-critical cellular communication. RUT900 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
- 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
- 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!

# 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 10/100Mbps 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 – 2.495 GHz 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
- 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

## 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
- 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 – 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

