RUT955 Router

LTE

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
- 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

Technology/Version	Bands			
	EU/ASIA version	EU version	US version	US/CHINA version
LTE	FDD B1/B2/B3/B5/B7/B8/B20	FDD B3/B7/B20	FDD B2/B4/B5/B17	FDD B1/B3/B8 TDD B38/B39/B40/B41
3G	850/900/1900/2100 MHz	850/900/2100 MHz	850/1900 MHz	850/900/1800/2100 MHz
2G	800/850/1800/1900 MHz	900/1800 MHz	-	900/1800 MHz

Technology/Version	Data rates (DL/UL)			
	EU/ASIA version	EU version	US version	US/CHINA version
LTE	100/50 Mbps	100/50 Mbps	100/50 Mbps	FDD 150/50 Mbps TDD 112/10 Mbps
DC-HSPA+	43.2/5.76 Mbps	42/5.76 Mbps	43.2/5.76 Mbps	42/5.76 Mbps
WCDMA	384/384 kbps	384/384 kbps	384/384 kbps	384/384 kbps
EDGE	236.8/236.8 kbps	296/236.8 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 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 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
- 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

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