TELTONIKA

External SIM holder

Linux powered

RUT240 Router

RUT240

RUT240 is a compact, cost-effective and powerful industrial router for professional applications. Router delivers high performance for mission-critical cellular communication. Equiped with external SIM holder and signal strength status LEDs, it ensures easy network management. External antenna connectors make it possible to attach desired antennas and to easily find the best signal location.

KEY FEATURES

HARDWARE

- 2 x SMA for LTE
- 1 x RP-SMA for WiFi
- DIN rail mounting (incl. sideways mounting)
- 9 - 30 VDC
- External SIM holder
- 1 x WAN
- 1 x LAN
- 1 x Input
- 1 x Output
- WiFi and Mobile LED indications

SOFTWARE

- OpenVPN
- PPTP
- L2TP
- IPSec
- GRE Tunnel
- Bootloader WebUI
- SMS Control
- WiFi Hotspot
- Backup WAN
- Ping Reboot
- Web Filter
- SNMP
- Configuration profiles
- Dynamic DNS
- Periodic Reboot
- Mobile Quota Control
- NTP
- RMS compatibility

RUT240

SPECIFICATIONS

LTE
- LTE FDD: B1/B3/B5/B7/B8/B20
- LTE TDD: B38/B40/B41
- LTE CAT4 up to 70 Mbps DL
- Class 3 (23dBm±2dB) for LTE FDD
- Class 3 (23dBm±2dB) for LTE TDD

UMTS/DC-HSPA+
- 850/900/2100 MHz
- DC-HSPA+ mode: Max 42Mbps (DL) Max 5.76Mbps (UL)
- UMTS mode: 384 kbps DL, 384 kbps UL
- TD-SCDMA: Max 4.2Mbps (DL) Max 2.2Mbps (UL)
- Power Class 3 (24dBm +1/-3dB) for UMTS bands
- Class 3 (24dBm+1/-3dB) for TD-SCDMA

GSM/GPRS/EDGE
- 900/1800 Mhz
- GPRS/EDGE Multi-slot Class 12
- Power Class E2 (27dBm ±3dB) for EDGE 850/900
- Power Class E2 (26dBm +3/-4dB) for EDGE 1800/1900
- Power Class 4 (33dBm ±2dB) for GSM 850/900
- Power Class 1 (30dBm ±2dB) for GSM 1800/1900

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

WiFi
- IEEE 802.11b/g/n WiFi standards
- 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 400 MHz CPU with 64 Mbytes of DDR2 memory
- External SIM holder
- 4 pin DC connector with 1 x Digital input and 1 x Digital output
- Reset/restore to default button
- 2 x SMA for LTE, 1 x RP-SMA for WiFi antenna connectors
- 2 x Ethernet LEDs, 1 x power LED
- 5 x signal strength LEDs, 3 x connection type indication LEDs
- Bottom and sideways DIN rail mounting slits

SOFTWARE
- OpenVPN, IPsec, GRE, L2TP, PPTP
- Firmware update from bootloader via WebUI
- SMS Control
- Remote Management System and Teltonika Router App for easy setup, configuration and maintenance.

ELECTRICAL, MECHANICAL & ENVIRONMENTAL

Dimensions	(W x D x H) 83 mm x 74 mm x 25 mm
Weight	125 g
Power supply	100 – 240 VAC -> 9 VDC wall adapter
Input voltage range	9 – 30VDC
Power consumption	< 5W
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

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

RoHS Compliant

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Teltonika reserves the right to modify the functionality of the device without any prior notice. Document version 1.0 (2017/03/31)