TELTONIKA

LTE Router
RUT 550

Teltonika RUT550 is compact LTE router with high speed wireless and Ethernet connections. Internal LTE modem can reach download rate of up to 100Mbps. Router supports the latest IEEE802.11n as well as IEEE802.11b/g standards and provides wireless receiving and transmitting rate of up to 150 Mbps. External antenna connectors make it possible to attach desired antennas and to easily find the best signal location.

This router is ideal for people who'd like to share their internet on the go, as it is not restricted by a cumbersome cable connection. Unrestricted, but not forgotten: the router still supports internet distribution via a broadband cable, simply plug it in to the wan port, set the router to a correct mode and you're ready to browse.

Key Features

LTE downlink of up to 100Mbps
LTE uplink of up to 50Mbps
DC-HSPA+ downlink of up to 42Mbps
DC-HSPA+ uplink of up to 5.76Mbps
Complies with IEEE 802.11n, IEEE 802.11g, IEEE 802.11b wireless standards
Complies with IEEE 802.3 and IEEE 802.3u standards
Four Ethernet ports
Durable aluminum housing
External antennas
Integrated OpenVPN, IPSec and Dynamic DNS
LTE/3G backup WAN function
SMS reboot function
DIN rail mounting option
Option with two pin terminal block power connector
Wide input voltage range
Power over Ethernet (LAN and WAN) ports (not compliant with IEEE 802.3af-2003)

ISO 9001

DNV CERTIFIED ORGANISATION

RoHS Compliant

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LTE/UMTS/GSM

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
- GPRS: 85.6 kbps DL/85.6 kbps UL (class 12)
- EDGE: 236.8 kbps DL/236.8 kbps UL (class 12)

UMTS
- 850/900/1900/2100 MHz
- DC-HSPA+ mode: DL up to 43.2 Mbps, UL 5.76 Mbps
- HSPA+ mode: DL up to 21.6 Mbps, UL 5.76 Mbps
- UMTS mode: 384 kbps DL/384 kbps UL
- All bands with diversity

LTE
- FDD 800/850/900/1800/1900/2100/2600 MHz
- Up to 100 Mbps downlink speed
- Up to 50 Mbps uplink speed
- All bands with diversity
- 2 dBi LTE/UMTS/GMS antenna

LAN and Wi-Fi

- Wireless AP, Router, 4-Port Switch and Firewall in one device
- High performance 320 MHz CPU with 256 Mbits SDRAM
- IEEE 802.11b/g/n, IEEE 802.3, IEEE 802.3u standards
- 64/128-bit WEP, WPA, WPA2, WPA&WPA2 encryption methods
- 3x LAN 10/100Mbps Ethernet ports
- 1x WAN 10/100Mbps Ethernet port
- Supports Auto MDI/MDIX
- Remote/local Web management
- 1x 5dBi wireless antenna
- SSID stealth mode and access control based over MAC address
- System log to record the status of the Router
- Auto negotiation/manual mode for IEEE 802.11b/g/n
- Dynamic DNS
- LAN access control over Internet connection
- Virtual server
- Auto wireless channel selection
- OpenVPN
- IPSec
- PPPoE
- Backup WAN
- SMS and Ping reboot
- Status via SMS
- 4 x LAN status LEDs

Electrical, Mechanical & Environmental

Dimensions (H x W x D)	100mm x 85mm x 36mm
Weight	210g
Power supply	100 – 240 VAC -> 9 VDC wall adapter
Input voltage range	7 – 30VDC
Power consumption	< 7W
Antenna connectors	2 x SMA for GSM/LTE, 1 x RP-SMA for Wi-Fi
Indicators	4 x Ethernet LEDs, 1 x Power LED, 1 x GSM LED
Operating temperature	0º to 50º C
Storage temperature	-20º to 70º C
Operating humidity	10% to 90% Non-condensing
Storage humidity	5% to 95% Non-condensing

Teltonika reserves a right to modify the functionality of the device without any prior notice.