



LTE Outdoor Router RUT750

Teltonika RUT750 is outdoor 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. High gain directional LTE antenna allows the router to be used in low signal locations while external Wi-Fi connector makes it possible to attach desired antenna. IEEE 802.3af-2003 compliant POE uses single Ethernet cable to communicate with the device and to power it making for an easy installation.

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
- IEEE 802.3af-2003 compliant POE
- One 10/100 Base-T Ethernet port
- Adjustable pole mounting kit
- Waterproof RJ45 socket
- Secure SIM card socket
- Dual-polarization 6/8 dBi MIMO antenna
- Integrated OpenVPN, IPSec and SNMP
- SMS reboot, Status via SMS functions





LTE/UMTS/GSM Specifications

LTE

- FDD 800/850/900/1800/1900/2100/2600 MHz
- (FDD B1/B2/B3/B5/B7/B8/B20)
- Up to 100 Mbps downlink speed
- Up to 50 Mbps uplink speed
- All bands with diversity

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

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)



Specifications

LAN and Wi-Fi

- High performance 320 MHz CPU with 256 Mbits SDRAM
- IEEE 802.11b/g/n, IEEE 802.3, IEEE 802.3u standards
- IEEE 802.3af-2003 compliant POE
- 64/128-bit WEP, WPA, WPA2, WPA&WPA2 encryption methods
- 1x LAN 10/100Mbps Ethernet port
- Supports Auto MDI/MDIX
- Remote/local Web management
- 1x RP-SMA Wi-Fi antenna connector
- 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, SNMP
- LTE – LAN bridge mode
- SMS and Ping reboot, Status via SMS
- 1 x LAN LED

Electrical, Mechanical & Environmental

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| • Dimensions (H x W x D) | 290mm x 240mm x 45mm |
| • Weight | 1.3kg |
| • Power supply | 36 – 57VDC POE adapter |
| • Power consumption | < 7W |
| • Antenna connectors | 1 x RP-SMA for Wi-Fi |
| • Indicators | 1 x Power LED, 1 x LAN LED, 1 x Status LED |
| • Operating temperature | -20° to 50° C |
| • Storage temperature | -20° to 70° C |
| • Operating humidity | 10% to 90% Non-condensing |
| • Storage humidity | 5% to 95% Non-condensing |

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