



Mobile Router

RUT104 HSUPA



- Internal 3G/EDGE/GPRS modem with up to 7.2 Mbps downlink and 2 Mbps uplink. No external cards required for 3G connection.
- VPN (IPsec, PPTP, OpenVPN) allows secure site-to-site communication. No additional VPN router required.
- High speed 54Mbps 802.11b/g wireless network. No need to drill holes or run Ethernet cabling to set up your network.
- Advanced secure wireless network with Wi-Fi Protected Access™ (WPA/WPA2).
- Built-in DHCP Server reduces system administration workload.
- 10/100 BASE-T with auto MDIX. No need for crossover cables.
- Simple router configuration using aWeb browser. No need to install additional software.
- Firmware upgrade via Web-based GUI.
- Simplified Power over Ethernet (PoE). No need for an AC power plug for the router. Not compliant with IEEE 802.3af standard.

The Mobile Router is an ideal solution for providing secure global communications to your systems, machines or remote networks. Using Teltonika mobile router there are no distance limitations, for remote site monitoring!

All you need to get connected is the Teltonika Mobile Router and SIM card from mobile internet service provider. Router includes quick and easy configuration wizard. The wizard step by step will help to set up 3G settings and create local wireless network within minutes. Built in firewall protects local network PC's from intruders. The router by default is configured as DHCP server so that for wired connection your PC's are configured automatically.

For the remote site management or remote access to the office local network it is essential to provide the ability to securely share applications and data between distant offices. Router includes built in IPsec VPN client and OpenVPN allowing creating distant and secure site to site communication. If user already has a PC with PPTP or IPsec VPN client software, router supports pass-through and is NAT-Traversal for the IPsec and PPTP data packets.

SPECIFICATIONS

HSUPA/HSDPA/UMTS

1900/2100 MHz/ 850/1900/2100 MHz / 850/1900/2100/AWS MHz

- Power Class 3 (+24dBm)
- Supports UL and DL compressed modes
- HSUPA 2.0: category 7
- HSDPA 1.8: categories 1-4, 11 and 12
- HSDPA 3.6: categories 5 and 6
- HSDPA 7.2: categories 7 and 8
- UMTS: 384 kbps operation in downlink and uplink

EDGE 850/900/1800/1900 Mhz

- GSM Power Class 4 (2W) for 850/900 bands
- GSM Power Class 1 (1W) for 1800/1900 bands
- EDGE class E2 (+27 dBm in 850/900 bands, +26 dBm in 1800/1900 bands)
- GPRS/EGPRS Multislot Class 12 (4 slots Rx, 4 slots Tx)
- GPRS/EGPRS Class B Type 1 MT
- GPRS CS1-CS4; EDGE MCS1-MCS9

Management

- User-friendly Web GUI
- Wired and wireless network status
- Site survey test
- Firmware upgradeable
- SSH

Activity indication LEDs

- Power
- Cellular Network Activity
- LAN Activity

Wireless IEEE 802.11 network

- Standards
 - IEEE 802.11b: 11Mbps, 5.5Mbps, 2Mbps, 1Mbps
 - IEEE 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps
 - Auto-fallback.
- Transmitter output power at antenna connector
 - IEEE 802.11b: 1-11Mbps 19dBm
 - IEEE 802.11g: 6 Mbps 18dBm
 - 54Mbps 15dBm

- Receiver sensitivity at antenna connector
 - IEEE 802.11b: -95 dBm @ 1Mbps
 - 90 dBm @ 11Mbps
 - IEEE 802.11g: -90 dBm @ 6Mbps
 - 73 dBm @ 54Mbps
- Security
 - WPA/WPA2
- Wireless Frequency Range
 - 2.312 - 2.497 (5 MHz step)
- External Antenna Type
 - RP-SMA => WLAN
 - SMA => GSM

Power

- 9-21V DC Nominal input voltage

Tunnelling, VPN

- GRE tunnel
- IPsec, PPTP passthrough
- IPsec client, OpenVPN client/server

Hardware

- Fast 400MIPS ARM9 processor
- 128Mbits RAM
- 64Mbits Flash memory

Temperature & Humidity

- Operation 0° to 55° C
- Humidity 5% to 95% (non-condensing)
- Transit/Storage -40° to 85° C

Dimensions

- L = 100mm W = 85mm H = 36mm

Weight

- 280g

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