TELTONIKA

Mobile Router RUT104 HSPA+

- Internal 3G/EDGE/GPRS modem with up to 14.4 Mbps downlink and 5.76 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 build 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 850/900/1900/2100 MHz
- Power Class 3 (0.25 W, 24 dBm) for UMTS
- UMTS mode: 384 Kbps DL/384 Kbps UL
- HSDPA mode: 14.4 Mbps (Cat 10) downlink speed
- HSUPA mode: 5.76 Mbps (Cat 6) uplink speed

GSM/GPRS/EDGE: 850/900/1800/1900 MHz
- Power Class 4 (2 W, 33 dBm) for GSM/GPRS 850/900 MHz bands
- Power Class 1 (1 W, 30 dBm) for GSM/GPRS 1800/1900 Mhz bands
- Power Class E2 (0.5 W, 27 dBm) for EDGE 850/900 MHz bands
- Power Class E2 (0.4 W, 26 dBm) for EDGE 1800/1900 MHz bands
- GSM: 14.4 Kbps DL/14.4 Kbps UL
- GPRS: 85.6 Kbps DL/42.8 Kbps UL (class 10)
- EDGE: 236.8 Kbps DL/118.4 Kbps UL (class 10)

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

Functions
- Firewall
- Port Forwarding
- Dynamic DNS

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

TELTONIKA JSC
Saltoniskiu str.10C,LT08105, Vilnius, Lithuania
Phone: +370 5 265 73 60
Fax: +370 5 276 13 80
info@teltonika.eu
www.teltonika.eu

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