

3G

Mobile Router

Web <http://www.teltonika.eu>



FEATURES AND BENEFITS

- Built in 3G/EDGE/GPRS transceiver with up to 7.2 Mbps downlink and 2 Mbps uplink. No external cards required for 3G connection.
- Wireless network complies with IEEE 802.11b/g standards.
- Secure wireless network with Wi-Fi Protected Access™ (WPA-PSK/WPA2-PSK).
- Built-in DHCP Server.
- 10/100 BASE-T with auto MDIX. No need for crossover cables.
- Simple Web browser configuration.
- Firmware upgrade via Web-based GUI.
- Supports UPnP (Universal Plug-and Play) for easy configuration.
- Supports remote provisioning with RCMS, SNMP.

OVERVIEW

- Teltonika 3G Mobile Router is an ideal solution to provide Internet connectivity to wired and wireless clients using the 3G cellular data network. It allows multiple users to get the IEEE 802.11 b/g compliant connection within your wireless broadband network with a single 3G data access account and SIM card. There's also one 10/100 fast Ethernet port to connect PC directly or attach switches to expand network as big as you need. All PC's connected to the router (wired or wireless) are on the same network, allowing to share document files, a printer or other resources. Latest wireless WPA/WPA2 security with TKIP/AES encryption ensures secure data transmissions preventing from unauthorized access.
- 3G mobile Router includes quick and easy configuration wizard. The wizard step by step will help you to set up 3G settings and create a wireless network within the minutes. Universal Plug-and-Play (UPnP) lets specialized Internet applications configure the router so you don't have to. The router by default is configured as DHCP server so that for wired connection your PCs are configured automatically. Built-in firewall and NAT filtering protects your computers from intruders.
- 3G Mobile Router is extremely useful for mobile work teams or emergency crews that need access to the broadband Internet but have no permanent base. It might be an easy solution to provide Internet connection for commuter vehicles, such as trains or buses. Quickly set up a wireless Internet hotspot connection to check email and browse the web or share files.
- With the 3G Mobile Router you can create a secure wired or wireless network with Internet connectivity within the 3G/EDGE/GPRS service range. All you need to get connected is the 3G Mobile Router and the SIM card from ISP provider.

Sale Offices:

Baltic States: +370 5 212 74 72
Central Europe: +370 5 265 73 80
North Europe: +370 5 265 73 86
South Europe: +370 5 265 73 79

North and South America: +370 5 265 73 69
Middle East and Africa: +370 5 265 73 65
South Asian Association for Regional
Cooperation: +370 5 265 73 67
NVS: +370 5 265 73 66

Model
RUT110

3G

Mobile Router

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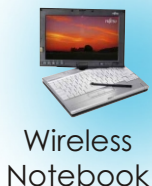
SPECIFICATIONS



3G



WLAN enabled
Cell phone or PDA



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 PSK/WPA2 PSK

Wireless Frequency Range

2.312 - 2.497 (5 MHz step)

External Antenna Type

Two detachable reverse SMA

Power

240-100V ~50-60Hz AC/DC adaptor

Software

Linux

Hardware

Fast 400MIPS ARM9 processor
128MB RAM

Temperature & Humidity

Operation 0° to 40° C
Maximum humidity 80%
Storage 0° to 40° C maximum humidity 80%
(no condensation)

Dimensions

L = 140mm W = 106mm H = 37mm

Weight

280g

HSDPA/UMTS 850/1900/2100 MHz

Power Class 3 (+24dBm)
Supports UL and DL compressed modes
HSDPA 7.2: categories 1-4, 11 and 12
HSDPA 3.6: categories 5 and 6
HSDPA 7.2: category 7 and 8
UMTS: 384 kbps operation in downlink and uplink
CSD: 64.0, 14.4 and 9.6 kbps

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; EGPRS MCS1-MCS9
CSD: 14.4 and 9.6 kbps

Management

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

Host Operating System

Microsoft Windows®
98SE/ME/NT4.0/2000/XP, Unix, Linux
and MacOS

Activity indication LEDs

Power
Cellular Network Activity
Wireless LAN Activity
LAN Activity

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