

Teltonika Networks RUTM50 Router



Teltonika Networks RUTM50 Router User Manual

[Home](#) » [TELTONIKA Networks](#) » Teltonika Networks RUTM50 Router User Manual 

Contents

- [1 Teltonika Networks RUTM50 Router](#)
- [2 Product Usage Instructions](#)
- [3 QSG RUTM50](#)
- [4 Safety information](#)
- [5 FCC](#)
- [6 RF exposure](#)
- [7 Operating conditions](#)
- [8 Product handling](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)



Teltonika Networks RUTM50 Router



Specifications

- **Model Number:** 01230123
- **Weight:** 7 lbs
- **Dimensions:** 3.5 x 4.5 x 8 inches
- **Power:** 85W

Product Information

The product with model number 01230123 is a compact electronic device designed for household use. It weighs 7 lbs and operates on 85W power. The dimensions of the product are 3.5 x 4.5 x 8 inches, making it suitable for various spaces.

Product Usage Instructions

1. **Unboxing:** Carefully unpack the product from the packaging.
2. **Setup:** Place the product on a stable surface and ensure it is plugged into a compatible power source.
3. **Operation:** Refer to the user manual for specific instructions on using the product.
4. **Cleaning:** Disconnect the product from power before cleaning. Use a damp cloth to wipe the exterior surface.
5. **Storage:** When not in use, store the product in a dry and safe place away from direct sunlight.

Frequently Asked Questions (FAQ)

- **Q: How do I troubleshoot if the product does not turn on?**

A: Check the power source and ensure the product is correctly plugged in. If the issue persists, contact customer support.

- **Q: Can this product be used outdoors?**

A: This product is designed for indoor use only.

- **Q: What is the warranty period for this product?**

A: The warranty period for this product is one year from the date of purchase.

Namespaces

Page Page

Variants Views

- Read
- View source
- View history
- PDF Export

More

- Read
- View source
- View history
- PDF Export
- Page
- Discussion

Search

QSG RUTM50

From Teltonika Networks Wiki

This Wiki page contains the online version of the Quick Start Guide (QSG) for the RUTM50 5G Router. Here you will find an overview of the various components on the front and back of a RUTM50 device, hardware installation instructions, first login information, device specifications, and general safety information. It is highly recommended to acquaint yourself with the Quick Start Guide before using the device. You can also locate a printed version of the Quick Start Guide in the packaging box of your device.

Safety information

Before starting operating the device, please review recommendations and precautions to minimize the possibility of accidents. Safety precautions presented are supplementary and subject to the local safety regulations. When various operations are executed on the device, the user must fully follow the safety instructions and recommendations provided with the device.

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
- However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
 - Consult the dealer or an experienced radio/TV technician for help.
- **FCC Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.'

ISED Canada

This device contains license-exempt transmitters)/receivers) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference;
2. This device must accept any interference, including interference that may cause undesired operation of the device.

RF exposure

- This device meets the official requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by authorized agencies. The device must be used with a minimum separation of 20 cm from a person's body to ensure compliance with RF exposure guidelines.
- Failure to observe these instructions could result in your RF exposure exceeding the applicable limits.
- External antennas used with RUTM50 must be installed to provide a distance of at least 20 cm from any people and must not be co-located or operated in conjunction with any other antenna or transmitter.
- Any external antenna gain must meet RF exposure and maximum radiated output power limits of the applicable rule section.

FCC Radiation Exposure Statement:

This device complies with the relevant FCC RF radiation exposure limit set forth for an uncontrolled environment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna

or transmitter and must be installed to provide a separation distance of at least 20 cm from all persons.

ISED Canada Statements:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

This radio transmitter IC:

26511-RUTM50 has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Antenna type	Maximum antenna gain (dBi)	Impedance (ohm)
Mobile antenna	4.5	50

WiFi antenna	3.59	50
--------------	------	----

1. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
2. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit.
3. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate.

Operating conditions

- **Operating temperature:** -40° to +75° Celsius
- Humidity should be in the range of 10% to 90% (non-condensing). Only use the device in dry environments.
- Out of direct sunlight
- Away from heat source, corrosive substances, salts, and flammable gases

Attention: operation outside the permissible range can considerably shorten the service life of the device.

Faulty and damaged products

- Do not attempt to disassemble the device or its accessories.
- Only qualified personnel must service or repair the device or its accessories.
- If your device or its accessories have been submerged in water punctured or subjected to a severe fall, do not use until they have been checked at an authorized service center.

Electrical safety

- Only use approved accessories.

- Do not connect with incompatible products or accessories.
- It is recommended to ground devices with grounding terminals before connecting them to power. Failure to ground appropriately might result in a shock hazard. The cross-sectional area of the protective grounding conductor should be at least 1mm².

Product handling


- You alone are responsible for how you use your device and any consequences related to its use.
- Use of your device is subject to safety measures designed to protect users and their environment.
- Always treat your device and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your device or its accessories to open flames, lit tobacco products, liquid, moisture, or high humidity.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.
- Do not attempt to disassemble your device (exemptions for devices that require disassembly for SIM insertion) or its accessories: it does not contain any user-serviceable parts.
- For safety reasons, the equipment should be opened only by qualified personnel.
- Make sure to use ESD personal protective equipment while the equipment is serviced.
- Do not use your device in an enclosed environment where heat dissipation is poor.
- Prolonged use in such space may cause excessive heat and raise ambient temperature, which will lead to the automatic shutdown of your device or the disconnection of the mobile network connection for your safety. To use your device again after such a shutdown, cool it in a well-ventilated place before turning it on.
- Please check all national laws and local regulations for the disposal of electronic products.
- Do not operate the device where ventilation is restricted.
- Do not use or install this product near water to avoid fire or shock hazards.
- Avoid exposing the equipment to rain or damp areas.
- Arrange power and Ethernet cables so that they are not likely to be stepped on or have items placed on them.
- Ensure that the voltage and the rated current of the power source match the device's requirements. Do not connect the device to an inappropriate power source.
- During a thunderstorm, no operations should be carried out on the device and cables.
- The unit must be powered off where blasting is in progress and explosive atmospheres are present or near medical life support equipment.
- Do not leave your device and its accessories within reach of small children or allow them to play with it. They could hurt themselves or others and could accidentally damage the device. Your device contains small parts with sharp edges that may cause an injury choking hazard.
- Like any wireless device, this device operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless device for emergency communications or otherwise use the device in situations where the interruption of data connectivity could lead to death, personal injury, property damage, data, or other loss.
- The device may become warm during regular use.

- Products
- Modems
- Gateways
- Routers
- Switches
- IoT platforms
- Accessories
- Custom Product
- Industries
- Industrial & Automation
- Energy & Utilities
- Smart City
- Transportation
- Enterprise
- Retail
- All Use Cases
- Support
- Wiki Knowledge Base
- Crowd Support Forum
- Report a Vulnerability
- Warranty & Repair
- GPL Code Center
- EOL Policy
- Articles Archive
- Newsletter
- About us
- News
- COVID-19 Response
- Who We Are
- Networks IoT academy
- Policies & Certificates
- Career
- **Contacts**
 - Privacy
 - All Policies
 - Sitemap

Email Address

Subscribe

Documents / Resources

	<p>Teltonika Networks RUTM50 Router [pdf] User Manual</p> <p>RUTM50 Router, RUTM50, Router</p>
---	--

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.