



TELTONIKA RUTX09 Cellular IoT Router User Guide

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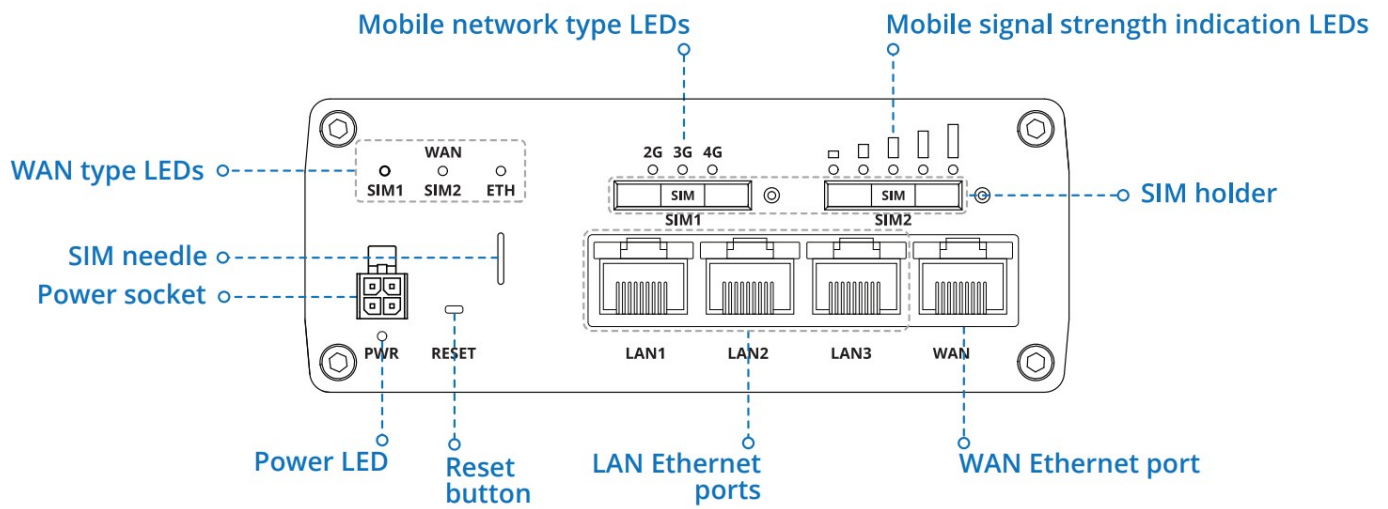
<https://wiki.teltonika.lt>



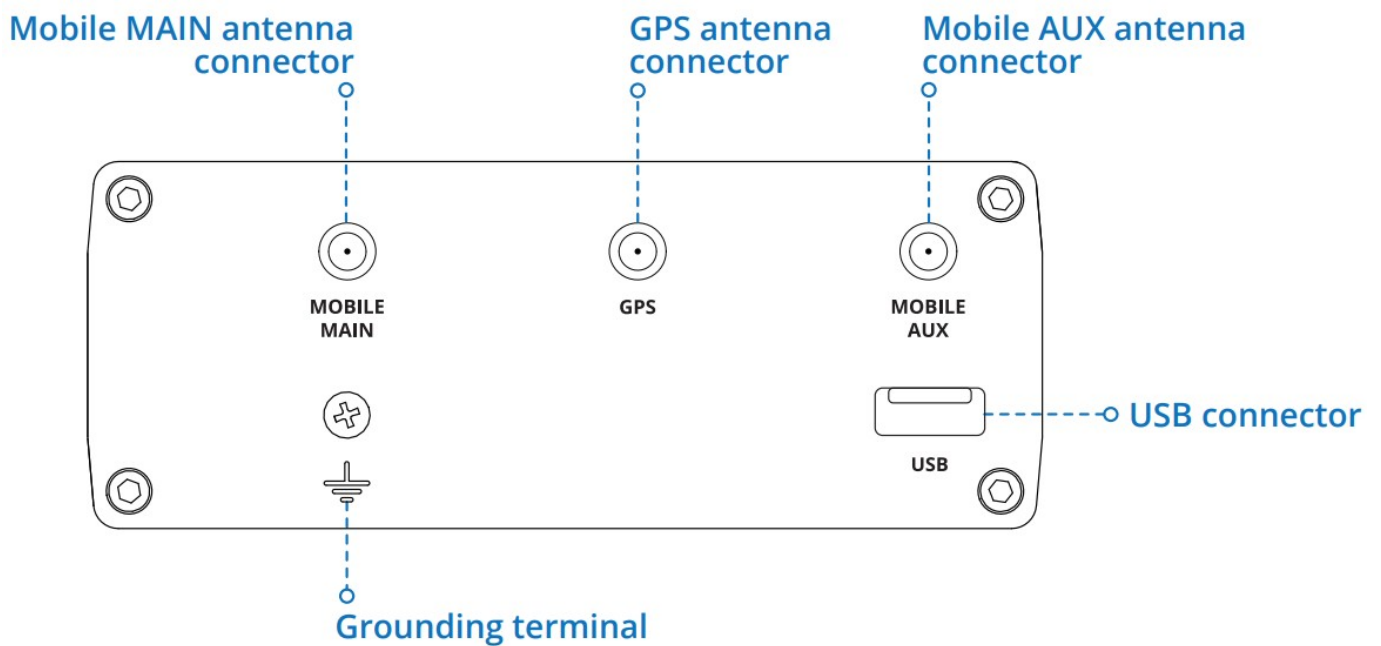
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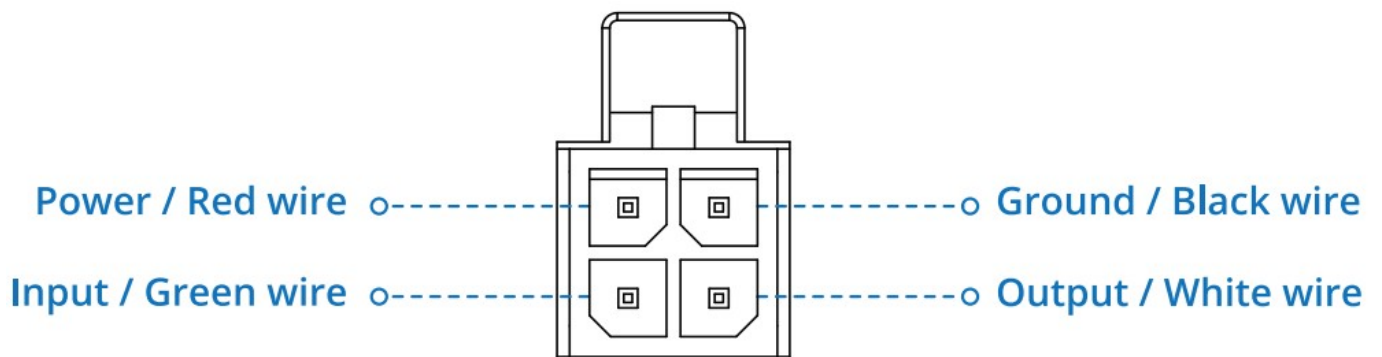
FRONT VIEW



BACK VIEW



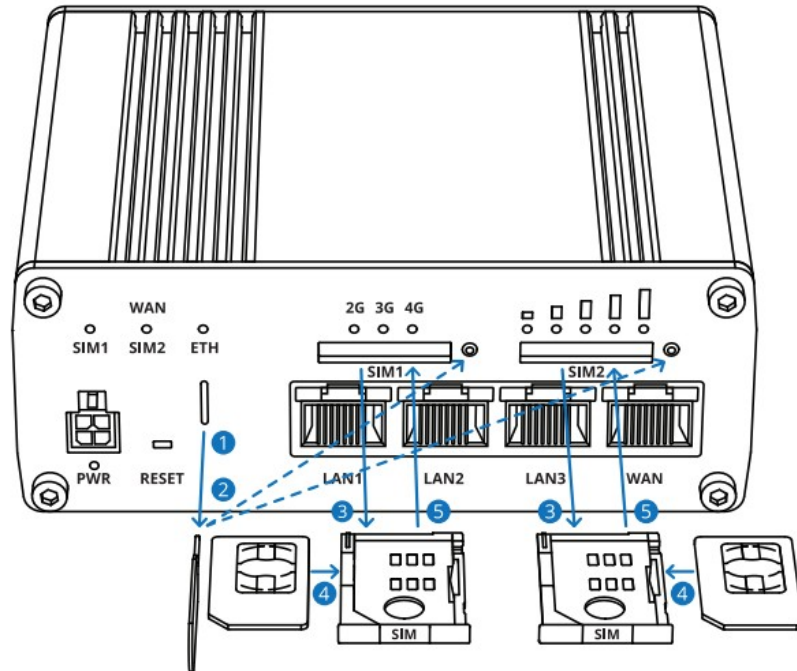
POWER SOCKET PINOUT



HARDWARE INSTALLATION

1. Pull out the SIM needle from the front panel of the router.
2. Push the SIM holder button with the SIM needle.
3. Pull out the SIM holder.

4. Insert your SIM card into the SIM holder.
5. Slide the SIM holder back into the router.
6. Attach mobile antennas.
7. Connect the power adapter to the socket on the front of the device. Then plug the other end of the power adapter into a power outlet.
8. Connect to the using an Ethernet cable (connected to LAN port).



LOGIN TO DEVICE

1. To enter the router's Web interface (Webeye), type <http://192.168.1.1> into the URL field of your Internet browser.
2. Use login information shown in image A when prompted for authentication.
3. After you login, you will be prompted to change your password for security reasons. The new password must contain at least 8 characters, including at least one uppercase letter, one lowercase letter and one digit. This step is mandatory and you will not be able to interact with the router's WebUI before you change the password.
4. When you change the router's password, the Configuration Wizard will start. The Configuration Wizard is a tool used to setup some of the router's main operating parameters.
5. Go to the Status > Network page and pay attention to the Signal Strength indication (image B). To maximize the cellular performance try adjusting the antennas or changing the location of your device to achieve the best signal conditions.

A. <http://192.168.1.1>

Authorization Required

Please enter username and password

Username

Password

B.

Mobile	WAN	LAN	OpenVPN
Mobile Information			
Mobile			
Data connection state	Connected		
IMEI	123456789012345		
IMSI	123456789012345		
Sim card state	Ready		
Signal strength	-79 dBm		

TECHNICAL INFORMATION

Radio specifications

RF technologies	GSM, GPRS, EDGE, UMTS/HSPA+, LTE, GNSS, WiFi
Max RF power	33 dBm@GSM, 24 dBm@WCDMA, 23 dBm@LTE, 20 dBm@WiFi

Bundled antennas specifications*

GSM/WCDMA/LTE antenna	698~960/1710~2690 MHz, 50 Ω , VSWR<3, gain** 3 dBi, omnidirectional, SMA male connector
GNSS antenna	1575.42~1602 MHz, 2.2~5 VDC, VSWR < 1.5, active total gain** 28 dB (typ.), RHCP polarization, SMA male connector

SAFETY INFORMATION

RUTX09 router must be used in compliance with any and all applicable national and international laws and with any special restrictions regulating the utilization of the communication module in prescribed applications and environments.

Hereby, TELTONIKA declares that this RUTX09 is in compliance with the essential requirements and other relevant provisions of Directive CE/RED.

Instruction Manual: Connect the power adapter to turn on the device. Open 192.168.1.1 in your web browser to configure it. More information on <https://wiki.teltonika.lt>

For more information visit www.teltonika.com


This sign on the package means that all used electronic and electric equipment should not be mixed with general household waste.

Hereby, Tectonic declares that the radio equipment type RUTX09 is in compliance with Directives: 2014/53/EU, 2014/35/EU, 2014/30/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://teltonika.lt/product/rutx09/>

www.teltonika.lt

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Documents / Resources

	TELTONIKA RUTX09 Cellular IoT Router [pdf] User Guide RUTX09, RUTX09 Cellular IoT Router, Cellular IoT Router, IoT Router, Router
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References

- [Teltonika | Wiki Knowledge Base](#)