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TELTONIKA Networks RUTX11 Dual-SIM Gigabit Router User Guide

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Contents

FRONT VIEW

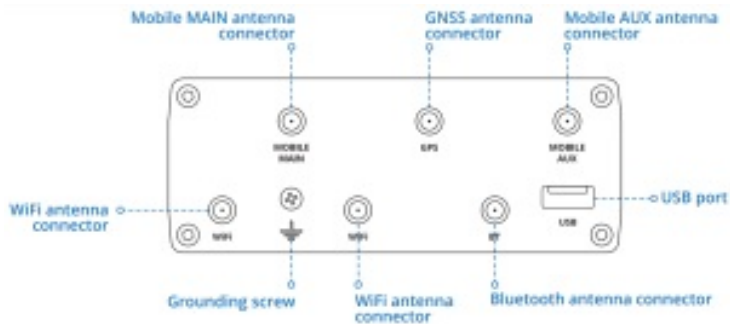## BACK VIEW

POWER SOCKET PINOUT
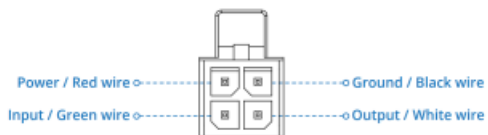

Power / Red wire — Ground / Black wire
Input / Green wire — Output / White wire

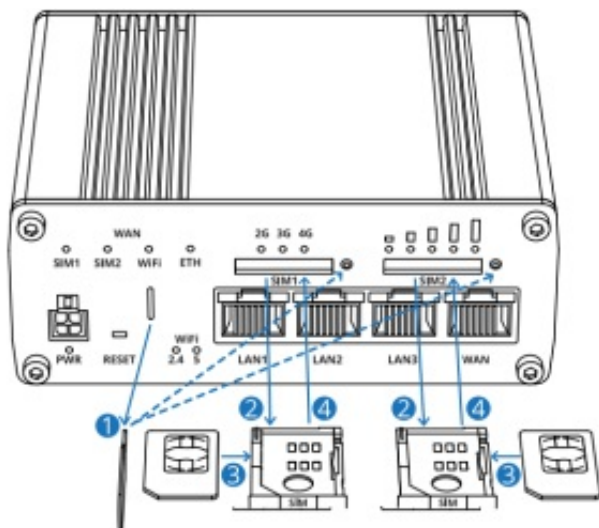## HARDWARE INSTALLATION

1. Pull out the SIM needle from the front panel of the router and push the SIM holder button with the SIM needle.

2. Pull out the SIM holder.

3. Insert your SIM card into the SIM holder.

4. Slide the SIM holder back into the router.

5. Attach all antennas.

6. 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.

7. Connect to the device via an Ethernet cable connected to LAN port.

LOGIN TO DEVICE

1. To enter the router's Web interface (WebUI), 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 log in, 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 set up some of the router's main operating parameters.
5. Go to the **Overview** 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.
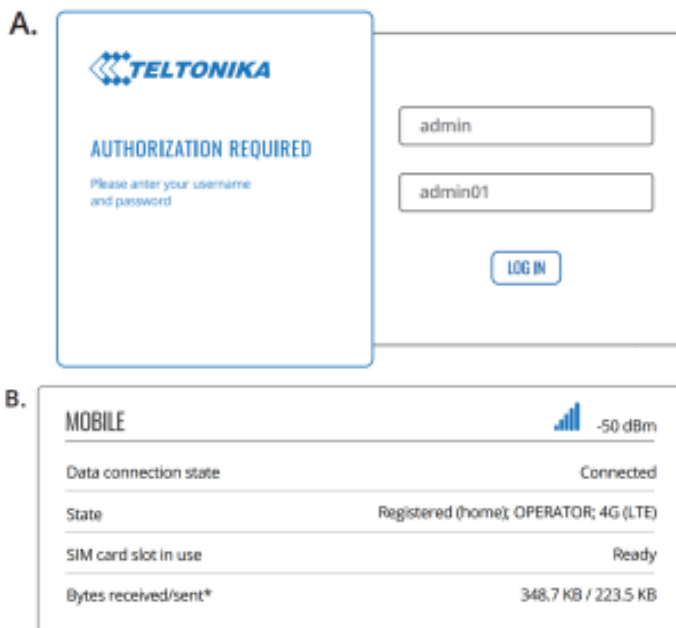
TECHNICAL INFORMATION

Radio specifications	
RF technologies	3G, 4G, GNSS, Will, BLE
Max RF power	24 dBm@WCDMA, 23 dBm@LTE, 23 dBm@WiFi 10 dBm@BLE
Bundled accessories specifications*	
Power adapter	Input 0.6 A@100-240 VAC, Output 12 VDC, 1.5 A, 4-pin plug
Mobile antenna	698-960 / 1710-2690 MHz, 50 0, VSWRC, gain** 3 dBi, omnidirectional, SMA male connector
GNSS antenna	157542-1602 MHz, 2.2-5 VDC, VSWR<1.5, active total gain** 28 dB (typ.), RHCP polarization, SMA male connector
WiFi antenna	2400-2500 MHz / 5100-5950 MHz, 50 **0,** VSWR<2.5, gain** 3.5 dBi, omnidirectional, RP-SMA male connector
BLE antenna	2400-2500 MHz, 50 0, VSWR<2.5, gain** 2.5 dBi, omnidirectional, RP-SMA male connector

*Order code dependent.
**Higher gain antenna can be connected to compensate for cable attenuation when a cable is used. The user is responsible for the compliance with the legal regulations.

In all EU member states, operation of 5150-5250 MHz is restricted to indoor use only.

SAFETY INFORMATION

RUTX11 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.

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

This sign means that product meets the requirements of the applicable EU directives.

TELTONIKA | Networks

VIST: http:[//www.teltonika-networks.com/](http://www.teltonika-networks.com/)

Documents / Resources

RUTX11	[**TELTONIKA Networks RUTX11 Dual-SIM Gigabit Router**](#) [pdf] User Guide RUTX11, Dual-SIM Gigabit Router

References

- 🌐 [**Amazone service client telephone tel contacter contact Amazon**](#)
- [**Teltonika Networks - LTE Routers, Gateways & Modems for IoT**](#)
- [**wiki.teltonika-networks.com**](#)
- [**wiki.teltonika-networks.com/**](#)
- [**wiki.teltonika-networks.com/view/RUTX11_CE/RED**](#)