



## TELTONIKA RUT850 Router User Guide

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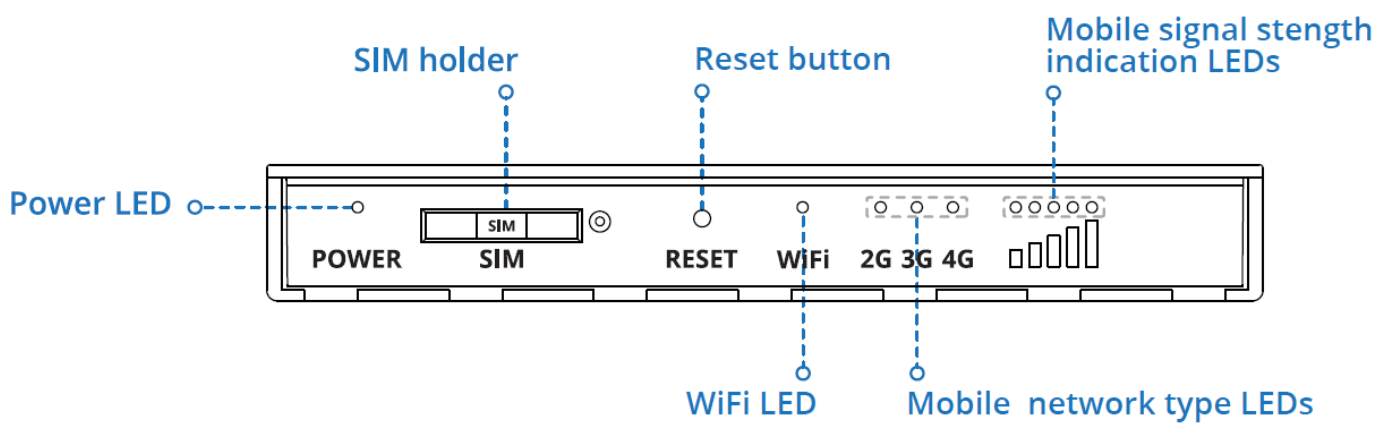


**TELTONIKA RUT850 Router**

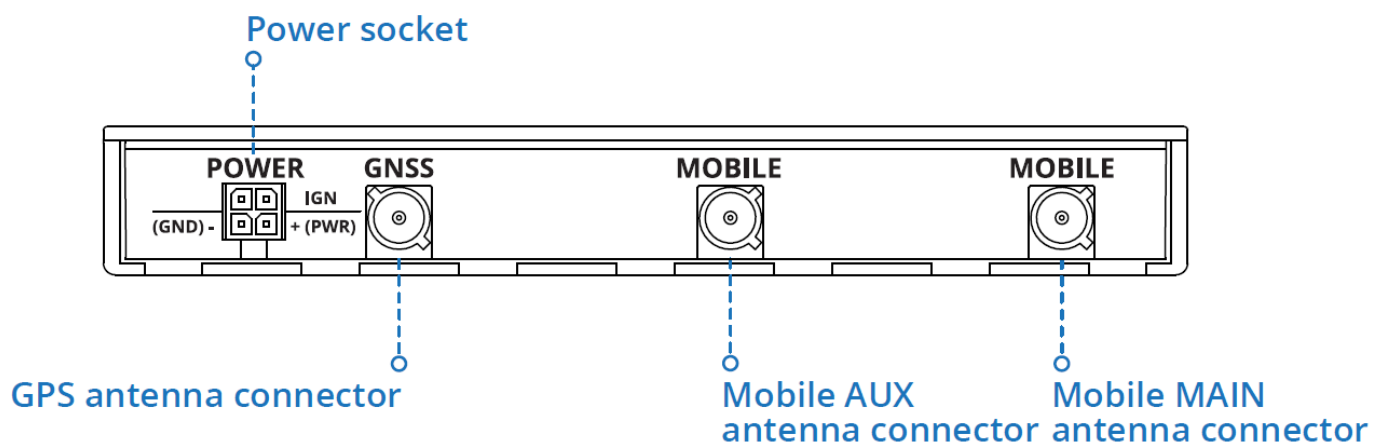


<https://wiki.teltonika-networks.com/>

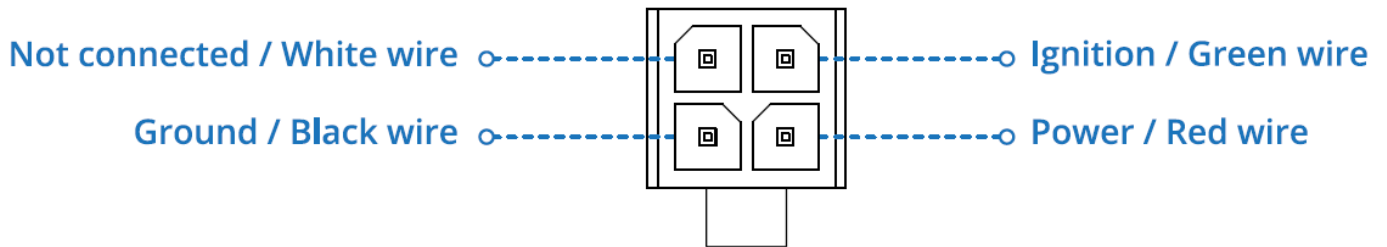
## FRONT VIEW



## BACK VIEW

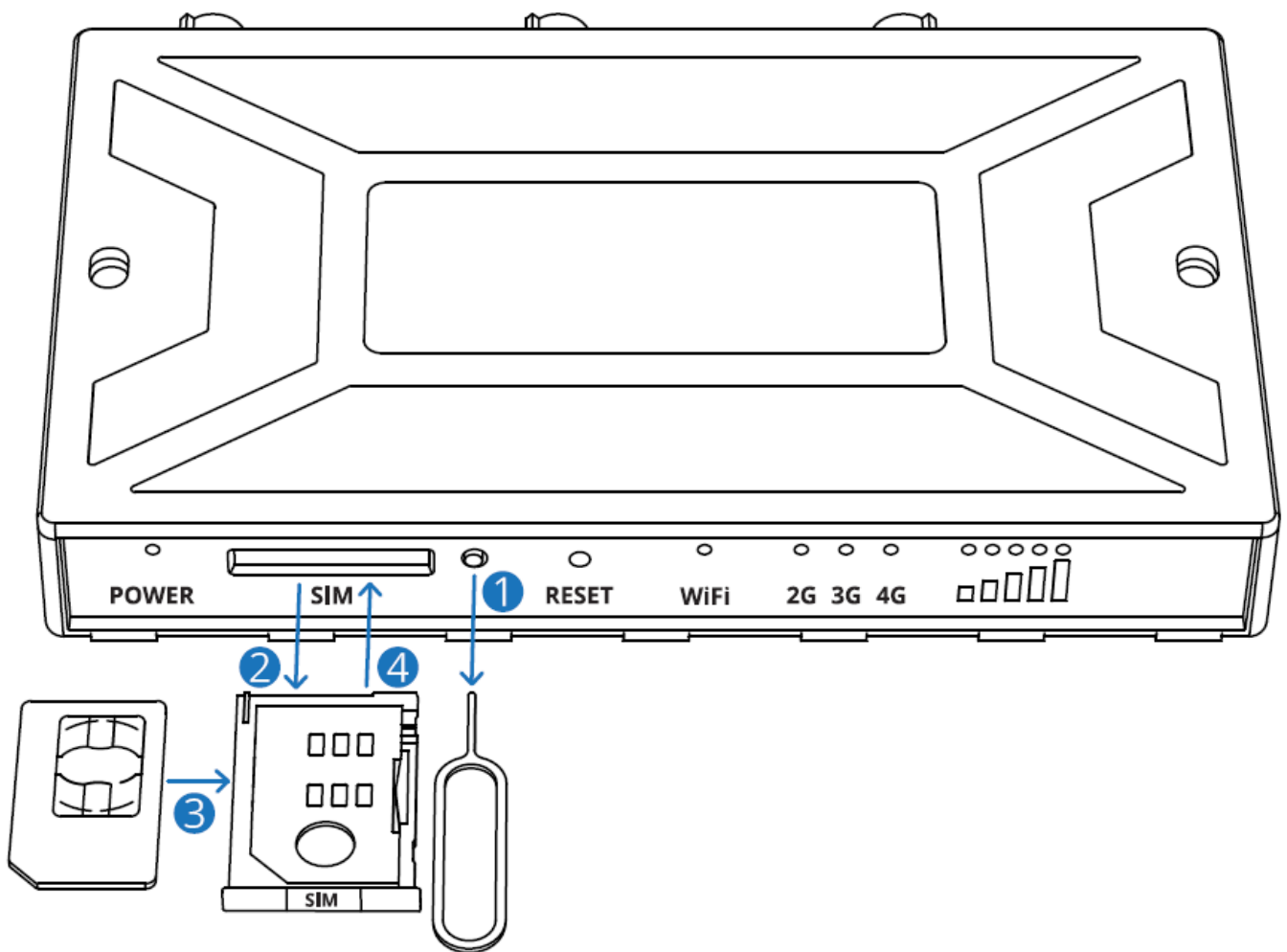


## POWER SOCKET PINOUT



## HARDWARE INSTALLATION

1. 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 wirelessly using SSID and password provided on the device information label.



## 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.

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<b>Radio specifications</b>	
RF technologies	2G, 3G, 4G, WiFi, GNSS
Max RF power	33 dBm@GSM, 24 dBm@WCDMA, 23 dBm@LTE, 20 dBm@ WiFi
<b>Bundled accessories specifications*</b>	
Power adapter	Input: 0.4A@100-240VAC, Output: 9VDC, 1A, 4-pin plug
Mobile antenna	690/900/1800/1900/2100/2700 MHz, 50 Ω, VSWR < 3.2, gain** 3.5 dBi, omnidirectional, FAKRA D female connector
GNSS antenna	1575.42~1602MHz,2.2-5VDC,VSWR<1.5,active total gain**26dB(typ.),RHCP polarization,FAKRAC female 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.

## SAFETY INFORMATION

RUT850 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 RUT850 is in compliance with the essential requirements and other relevant provisions of Directive CE/RED.

The full text of the EU declaration of conformity is available at the following internet address:

[https://wiki.teltonika-networks.com/view/RUT850\\_CE/RED](https://wiki.teltonika-networks.com/view/RUT850_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-networks.com/>


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.

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



## Documents / Resources

	<b>TELTONIKA RUT850 Router</b> [pdf] User Guide TELTONIKA, RUT850, Router
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## References

- [Teltonika Networks - LTE Routers, Gateways & Modems for IoT](#)
- [wiki.teltonika-networks.com/](https://wiki.teltonika-networks.com/)
- [wiki.teltonika-networks.com/view/RUT850\\_CE/RED](https://wiki.teltonika-networks.com/view/RUT850_CE/RED)