RUT955 LTE Router

Quick start guide v10.0

Front view

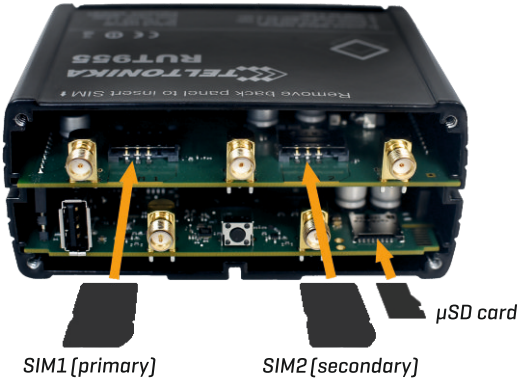
1. LAN Ethernet ports
2. WAN Ethernet port
3. LAN LEDs
4. WAN LED
5. RS485 interface
6. Power socket
7. RS232 interface
8. Input/output connector
9. Power LED
10. Mobile connection status LED
11. Mobile signal strength indication LEDs

Back view

1. LTE antenna connectors
2. GPS antenna connector
3. USB connector
4. WiFi antenna connectors
5. Reset button

Hardware installation

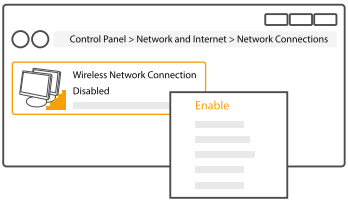
1. Remove back panel and insert SIM cards which were given by your ISP (Internet Service Provider). Correct SIM cards' orientation is shown in the picture below.



2. Attach LTE, WiFi and GPS antennas.
3. Connect the power adapter to the socket on the front of the device. Then plug the other end of the power adapter into the power socket.
4. Connect to the device wirelessly (SSID: RUT955_****) or use Ethernet cable and plugit in to any LAN Ethernet port.

Configure your computer (Windows)

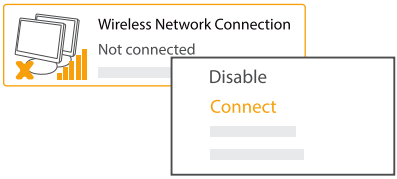
1. Enable the wireless network connection (go to Start > Control Panel > Network and Internet > Network and Sharing Center. In the left panel click Change adapter settings link. Right click on Wireless Network Connection and select Enable).



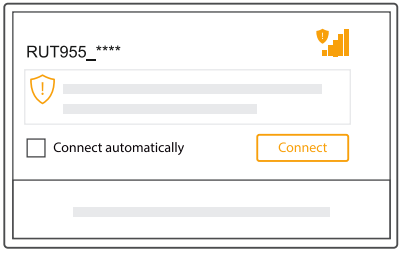
2. Setup wireless network adapter on your computer (right click on Wireless Network Connection and select Properties. After that select Internet Protocol Version 4 (TCP/IP) and click Properties).

3. Select Obtain IP address automatically and Obtain DNS server address automatically if they are not selected. Click OK.

4. Right click on Wireless Network Connection and select Connect to see available wireless networks.

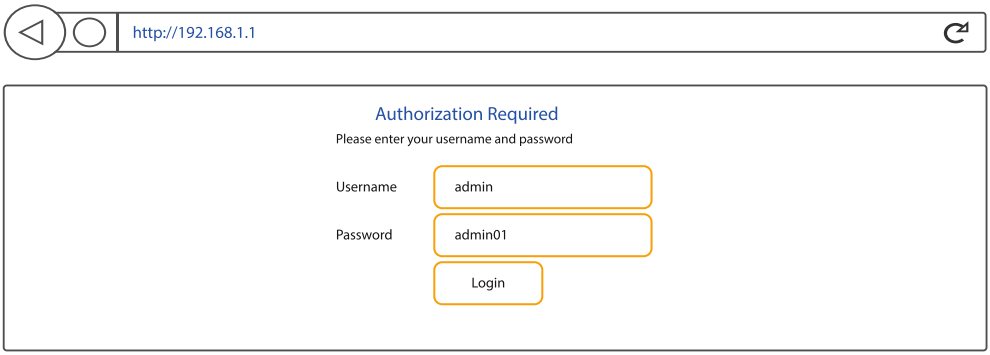


5. Choose the wireless network RUT955_**** from the list and click Connect. Enter the WiFi password found on device label.



Login to device

1. To enter routers Web interface type http://192.168.1.1 in your internet browser.
2. Use the following parameters when prompted for authentication:



3. Configuration Wizard will start after logging in. It is necessary to complete Configuration Wizard to setup router to correct mode. You can leave default settings but it is strongly recommended that you change the password and enable Wireless Security.
4. Go to Status > Network information and pay attention to Signal Strength. To maximize the performance try adjusting antennas or changing location of your device to achieve best signal conditions.

Login to device

Mobile | WAN | LAN | Wireless | OpenVPN

Mobile Information

Mobile

Data connection state	Connected
IMEI	860461024004296
Sim card state	OK
Signal strength	-44 dBm

Safety information

RUT955 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.

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 accessories specifications*	
Power	AC/DC power adapter 9V 1 A, 4 pin plug
GSM/WCDMA/LTE antenna	698-868/1850-2690 MHz, 50 Ω, VSWR<2, gain** 2 dBi, omnidirectional, SMA male connector
WiFi antenna	2400-2483.5 MHz, 50 Ω, VSWR<2, gain** 2 dBi, omnidirectional, RP-SMA male connector
GNSS antenna	1575.42-1602 MHz, 2.2-5VDC, VSWR<1.5, active total gain** 28dBi (typ.), RHCP polarization, SMA male connector

*Order code dependent.

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

This sign on the package means that it is necessary to read the Users Manual before you start using the device.

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

CE

Hereby, Teltonika declares that the radio equipment type RUT955 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: http://teltonika.lt/product/rut955/