



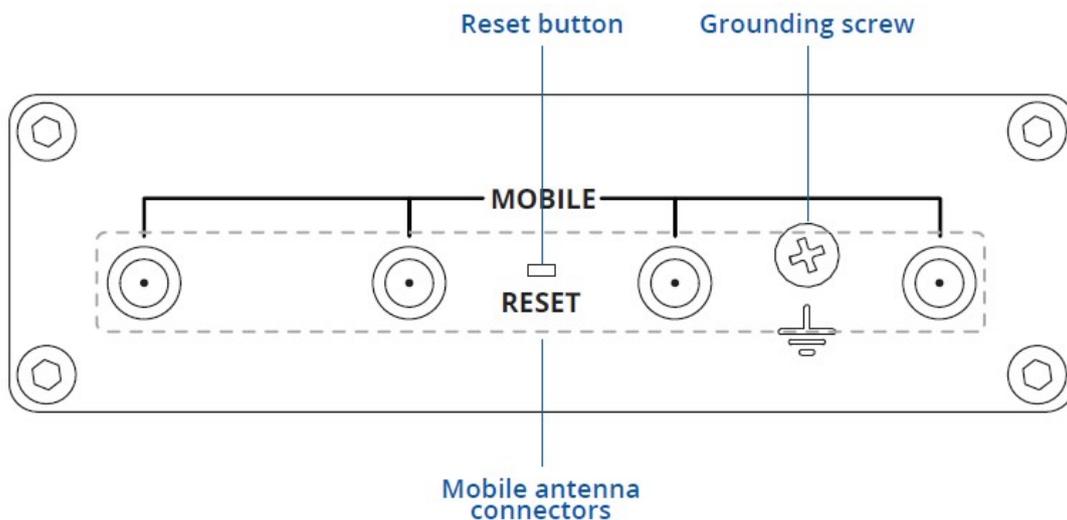
TRB500

TRB500

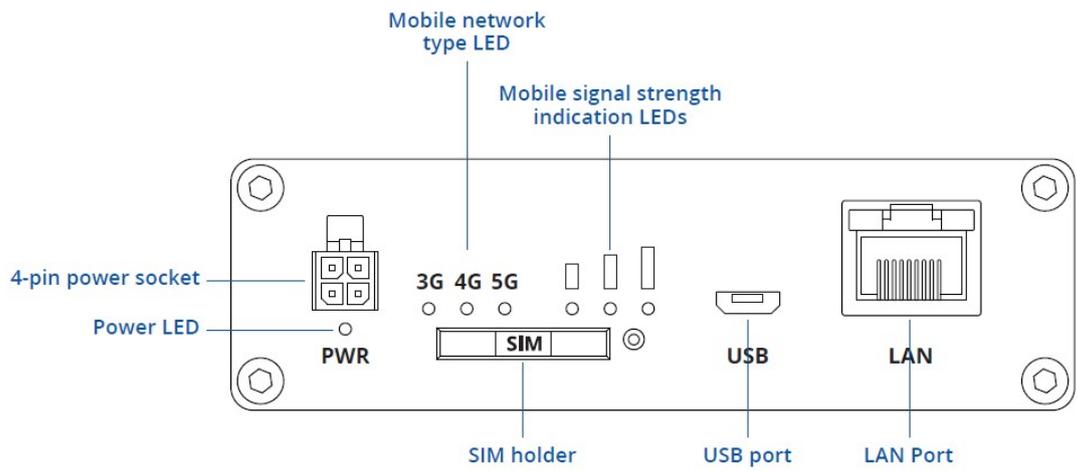
Technical Specifications

Mobile module	5G Sub-6Ghz SA/NSA 2.1/3.3Gbps DL (4x4 MIMO), 900/600 Mbps UL (2x2); 4G (LTE) - LTE Cat 20 2.0Gbps DL, 200Mbps UL; 3G - 42 Mbps DL, 5.76Mbps UL
Power Connector	4-pin industrial DC power socket
Input voltage range	9 - 30 VDC, reverse polarity protection, surge protection +/-1 kV 50 μ s max
Ethernet	1 x RJ45 port, 10/100/1000 Mbps
I/O's	2 x Configurable I/O pins on 4-pin power connector
Status LEDs	3 x connection type status LEDs, 3 x connection strength LEDs, 2 x LAN status LEDs, 1 x Power LED
SIM	1 x SIM slot (Mini SIM - 2FF), 1.8 V/3 V
Antennas	4 x SMA for Mobile
Dimensions (W x H x D)	100 x 30 x 93.4 mm
Weight	241g
Mounting options	DIN rail, Flat surface
Operating temperature	-40 °C to 75 °C
Ingress Protection Rating	IP30

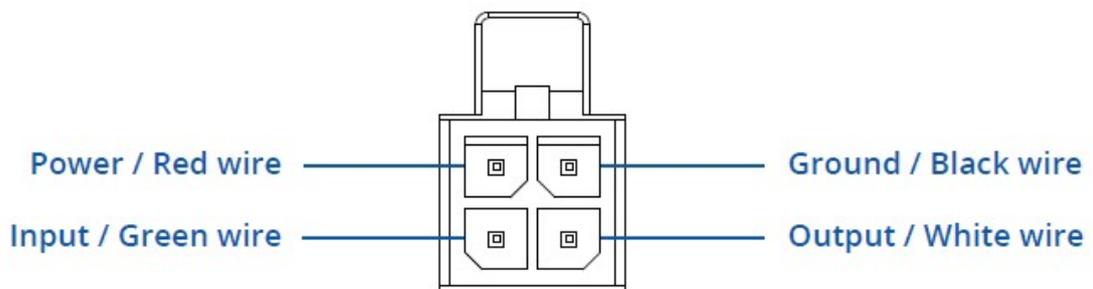
Front View



Back View



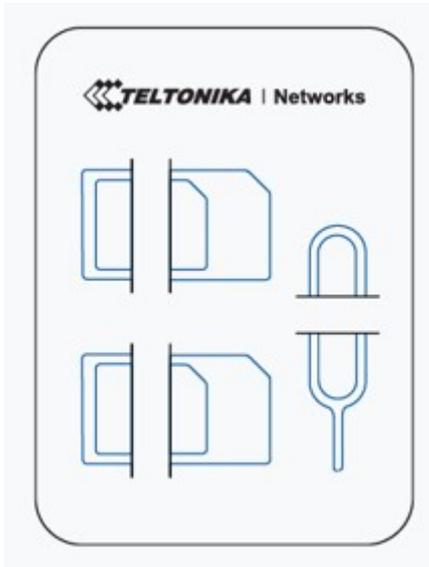
Power Socket Pinout



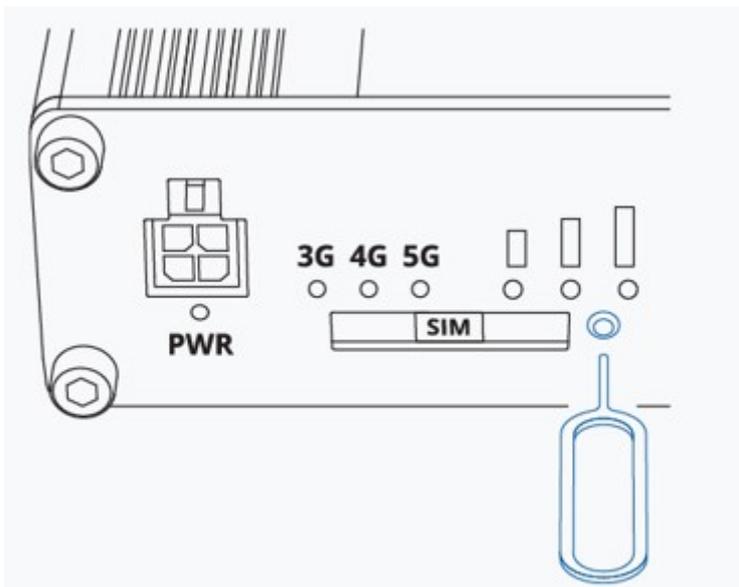
TRB500

Quick Guide

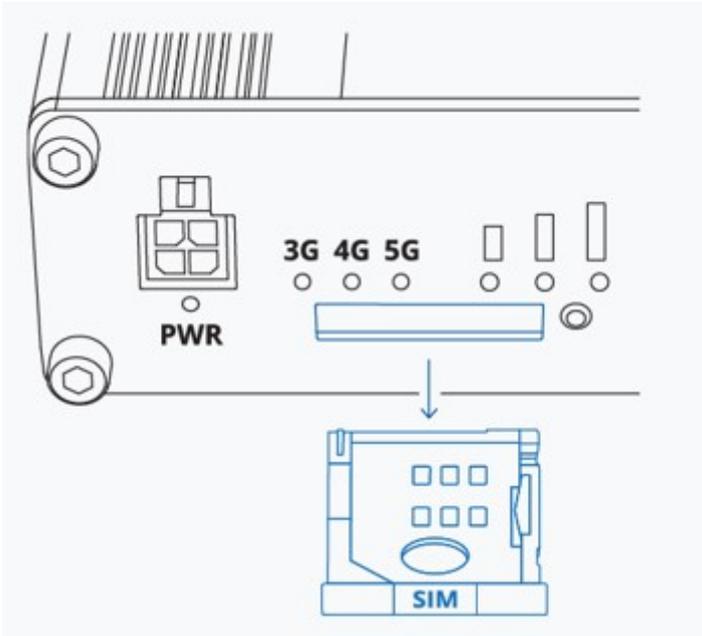
1. Locate the SIM adaptor kit.



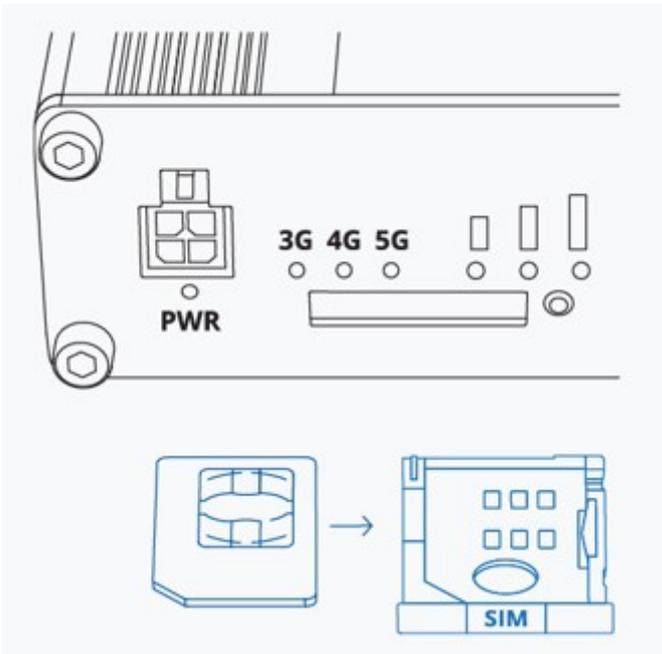
2. Push the SIM holder button with the SIM needle.



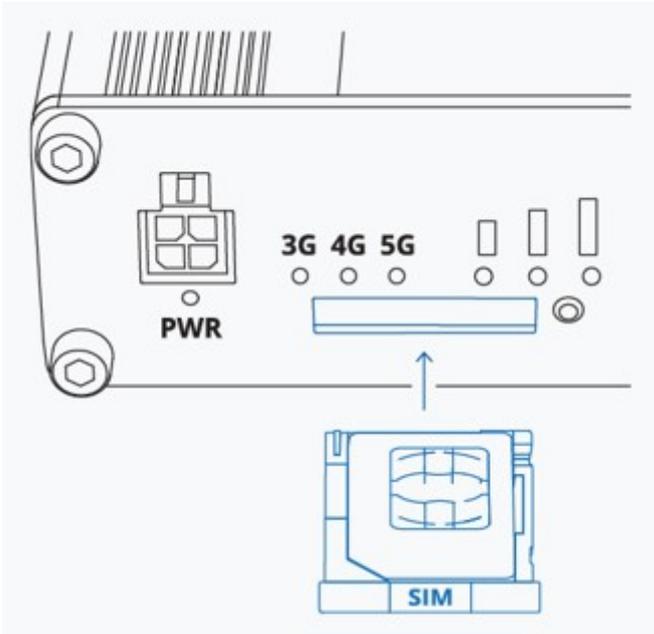
3. Pull out the SIM holder.



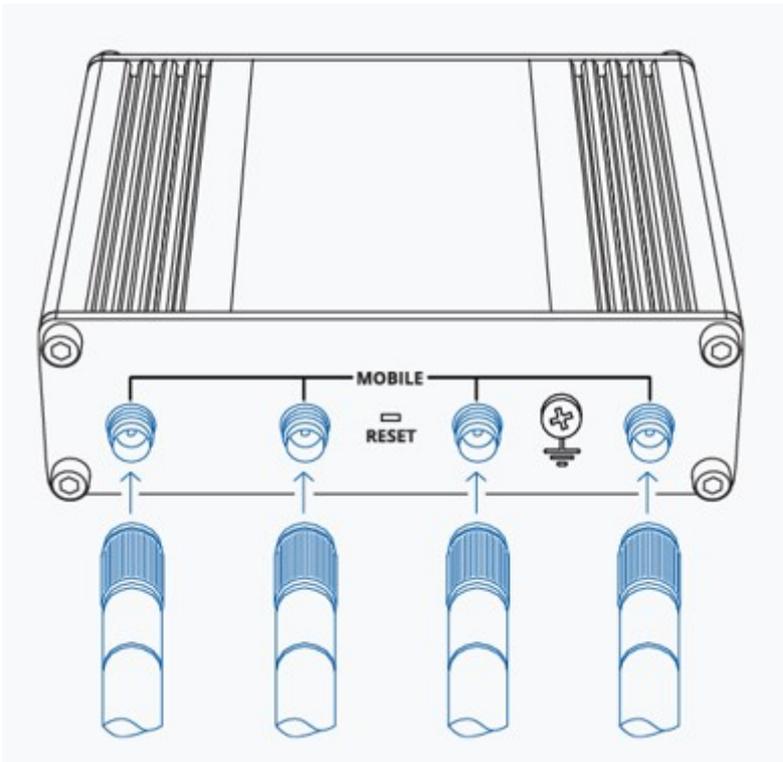
4. Insert your SIM card into the SIM holder.



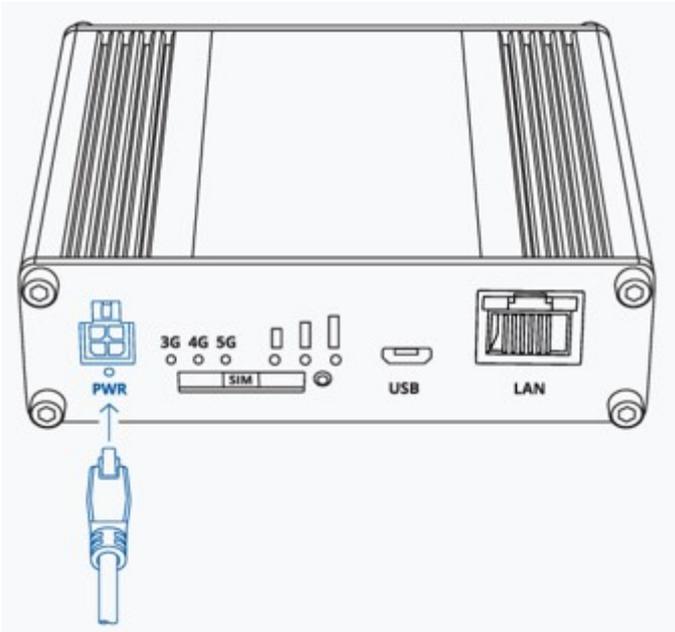
5. Slide the SIM holder back into the router.



6. Attach all mobile antennas to connectors labelled "Mobile".



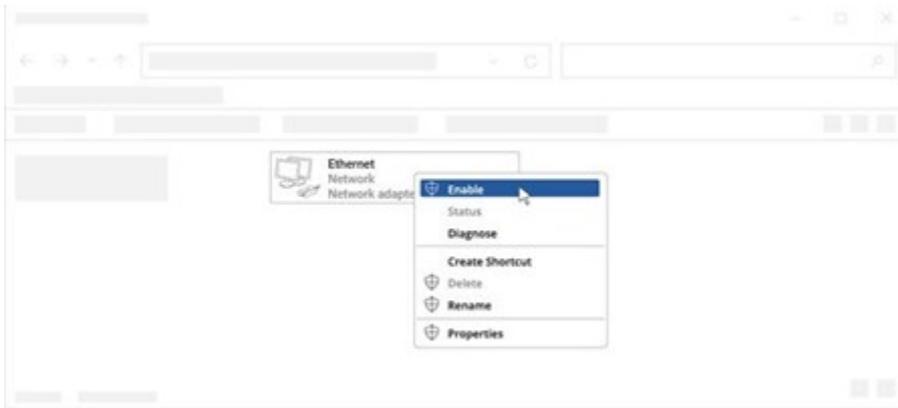
7. Connect the 4-pin connector to the power socket on the front of the device. Then plug the power adapter into an electric outlet.



TRB500

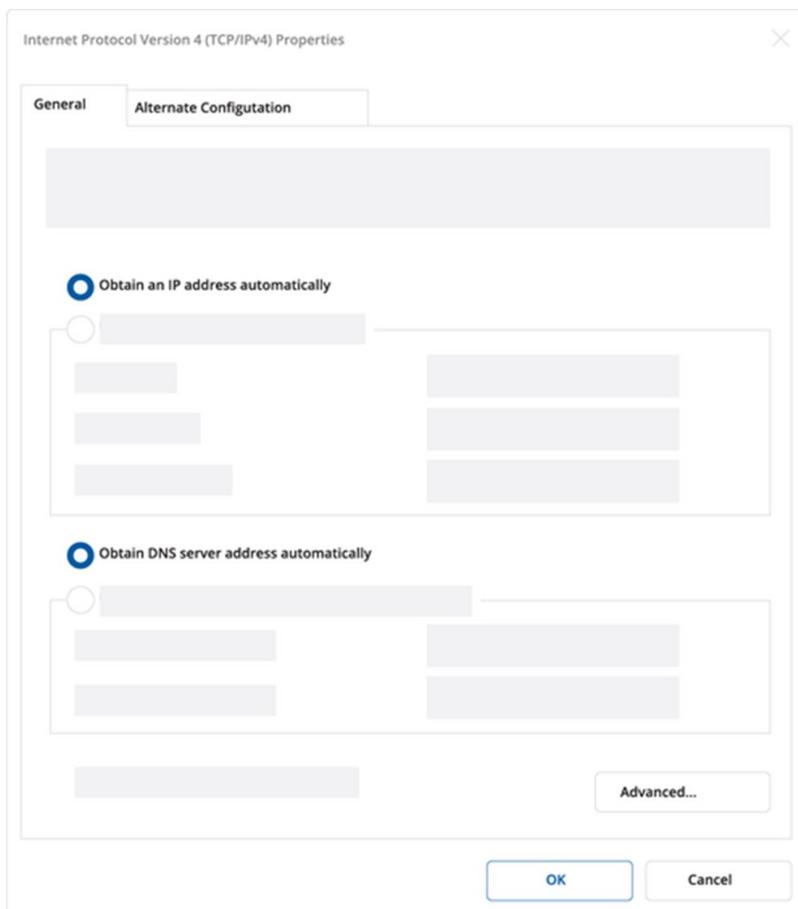
Configure your computer LAN (Windows)

1. Ensure the Network connection is Enabled. Go to Start — Control Panel — Network and Internet — Network and Sharing Center. Click on the Change adapter settings in the left panel, then right-click on Network Adapter, and select Enable.



2. Check if IP and DNS are obtained automatically. Right-click on Wireless Network Adapter and select Properties. Then select Internet Protocol Version 4 and click Properties.

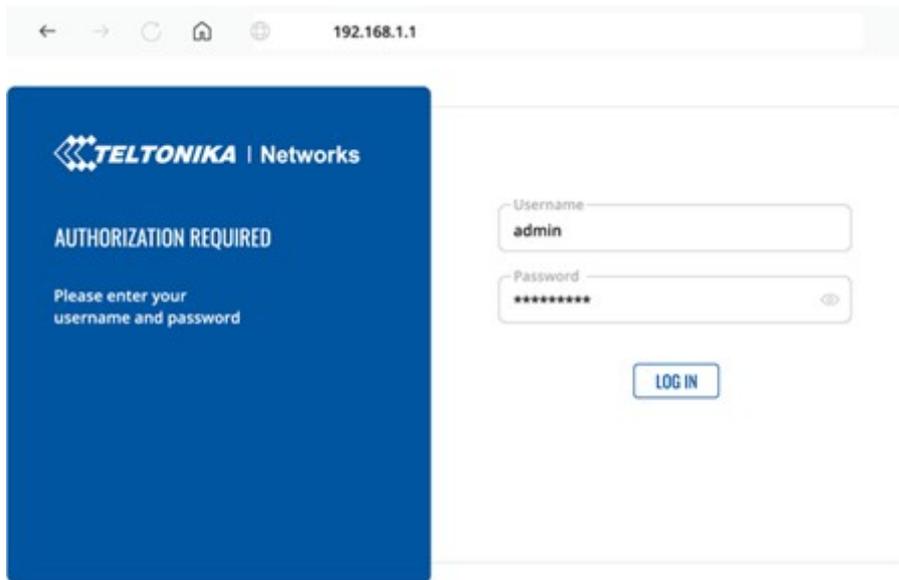
3. If not selected, check to obtain an IP address and obtain DNS server address automatically. Click OK.



TRB500

Login to Device

1. To enter the gateway's Web interface (WebUI), type `http://192.168.2.1` into the URL field of your Internet browser.
2. When prompted for authentication enter the username `admin` and enter the password located on the device information label/engraving.



3. After logging in, you must set a new password for security reasons. You will not be able to interact with the gateway's WebUI until the default password is changed. The new password must consist of a minimum of 8 characters. Requirements: one uppercase letter, one lowercase letter, and one digit.
4. Next, the Configuration Wizard will start to help you set up some of the gateway's main operational parameters.
5. Finally, let's verify the Mobile signal strength. Go to the Status — Network page and pay attention to the Signal Strength indication.

MODEM ⓘ  -44 dBm

DATA CONNECTION
Connected

STATE
registered (home): LTE; 4G+ (LTE-A)

SIM CARD INFO
SIM 1 Ready

BYTES RECEIVED / SENT
42.6 MB / 2.5 MB

To achieve the best signal conditions and maximize cellular performance, try adjusting the antennas or changing the location of your device. You can find information on signal strength recommendations [here](#).