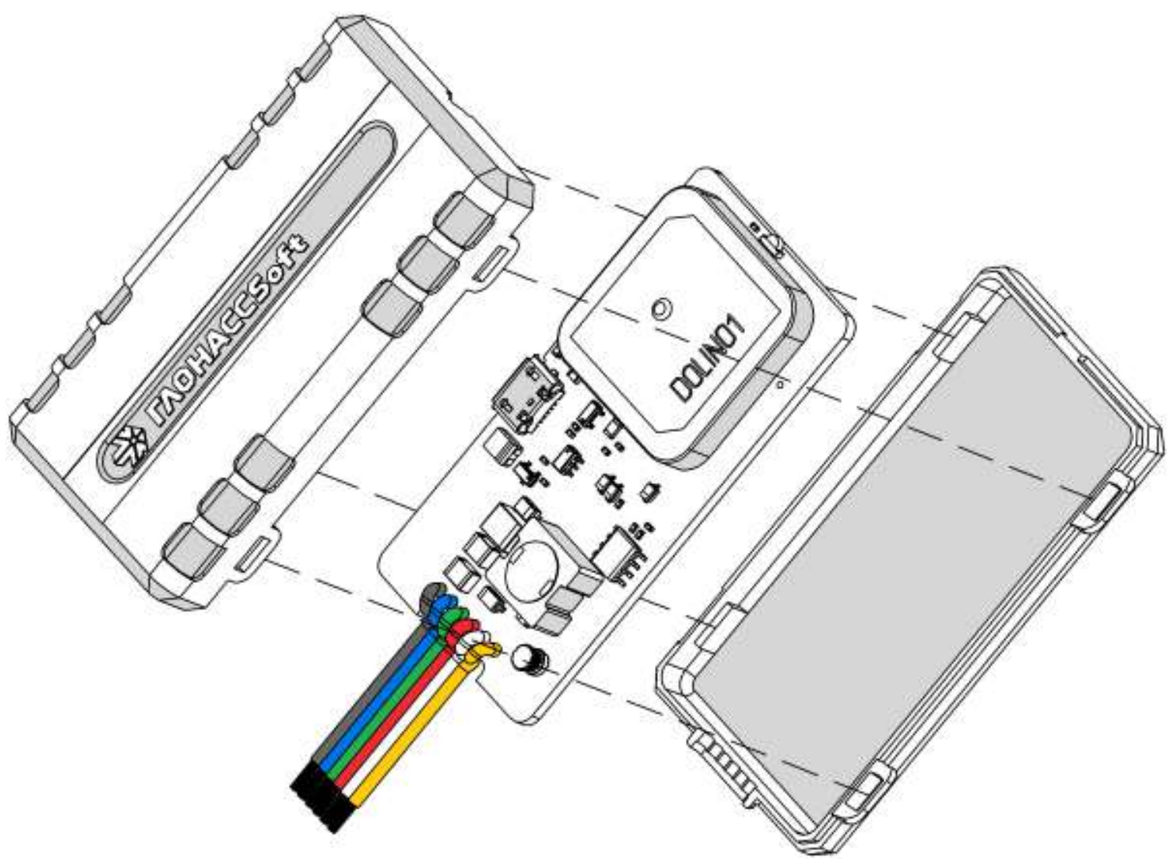
Quick start UMKa310

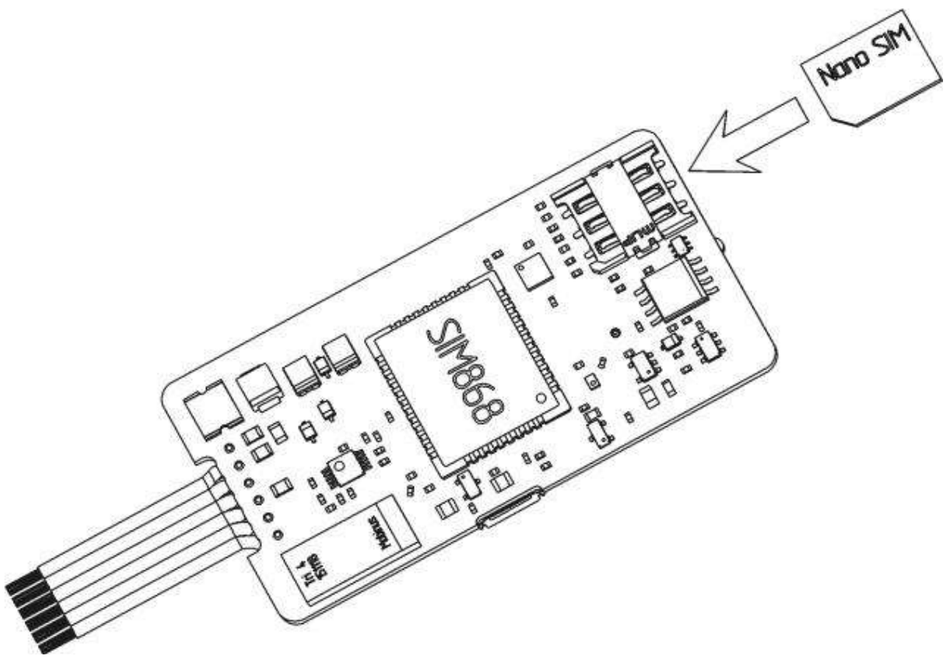
To connect the tracker it is recommended to execute the following instructions:

1. SIM card installation into a gps tracker

In order to install a SIM card into UMKa310, slightly bend the casing snaps, then open the casing and take the board out.



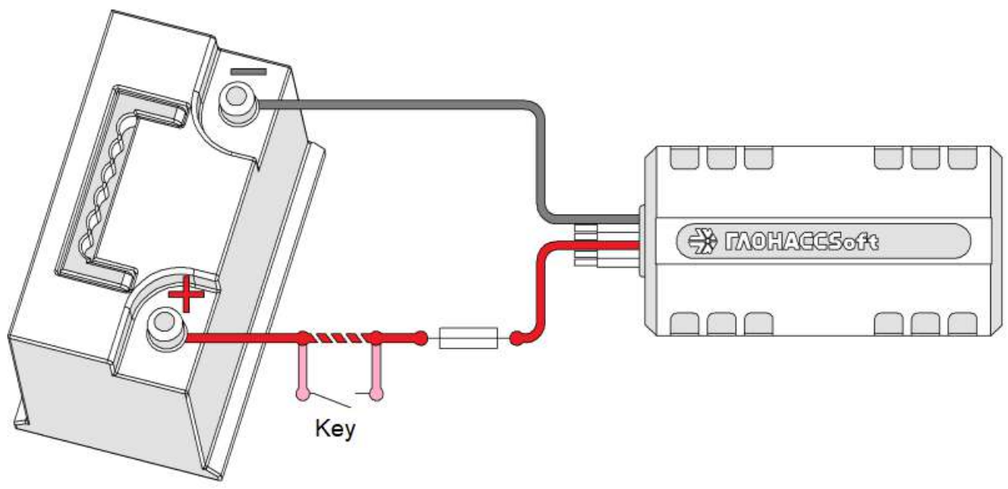
Then install the SIM card.



2. Connection of power supply

The power supply of the built-in battery and connection via USB is not enough to start the network module and navigation. For this reason it is required to connect the device to the power supply with voltage more than 12V in order to enable all modules of the tracker. Also it is vital for the tracker to connect to the server and send packages.

UMKa310 has a slot for connecting the power supply and various sensors. It has 1 red and 7 black pinouts for power supply on the terminal.



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3. Installing UMKA3XX configurator on PC

In order to configure the tracker, use a personal computer with minimum Windows 7 operating system support.

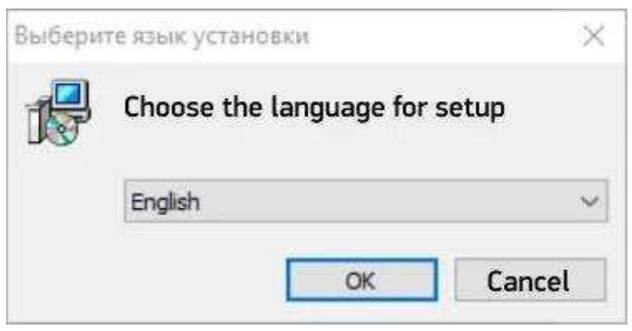
To download configurator UMKa3XX follow the links below:

DOWNLOAD (Desktop version)

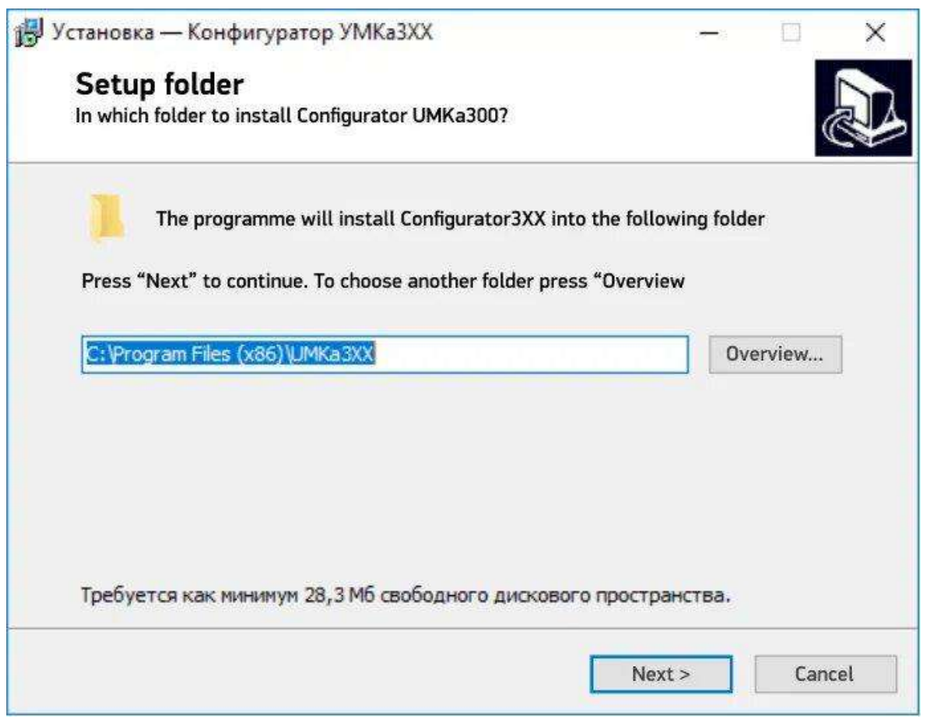
Google Play (Android)

01 To launch installation, start the downloaded file and allow it to make changes.

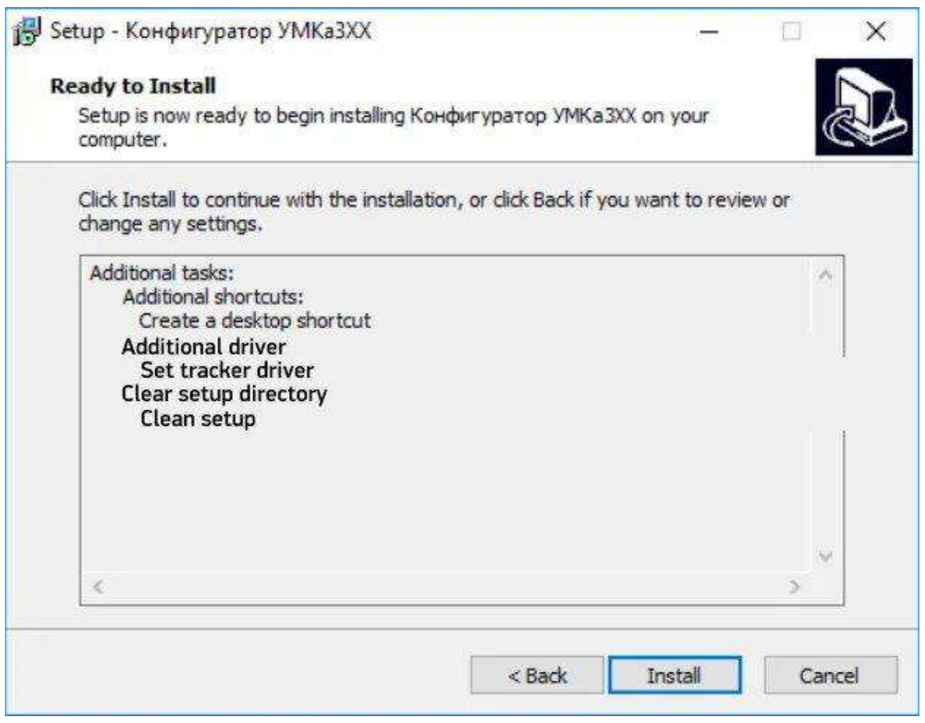
02 Choose language and press OK.



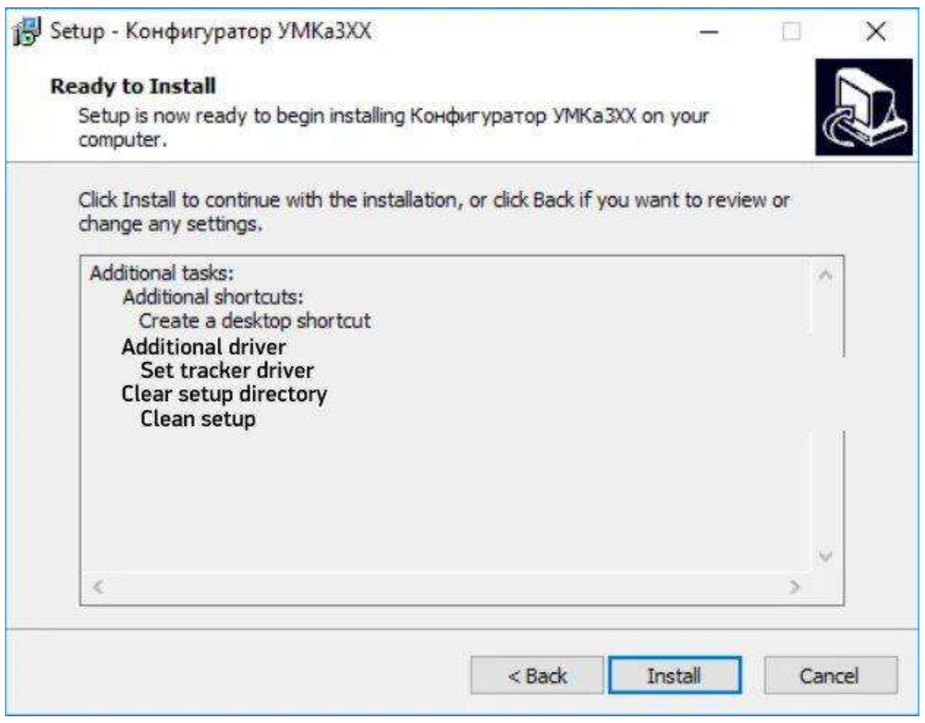
03 Choose the way to install the software and press “Next”.



04 During the first installation choose ”Install the tracker driver” and press “Next”.



05 The programme is ready for installation, press the button “Install”.



06 After completing the installation start configurator by choosing the option “Launch UMKa3XX configurator”.

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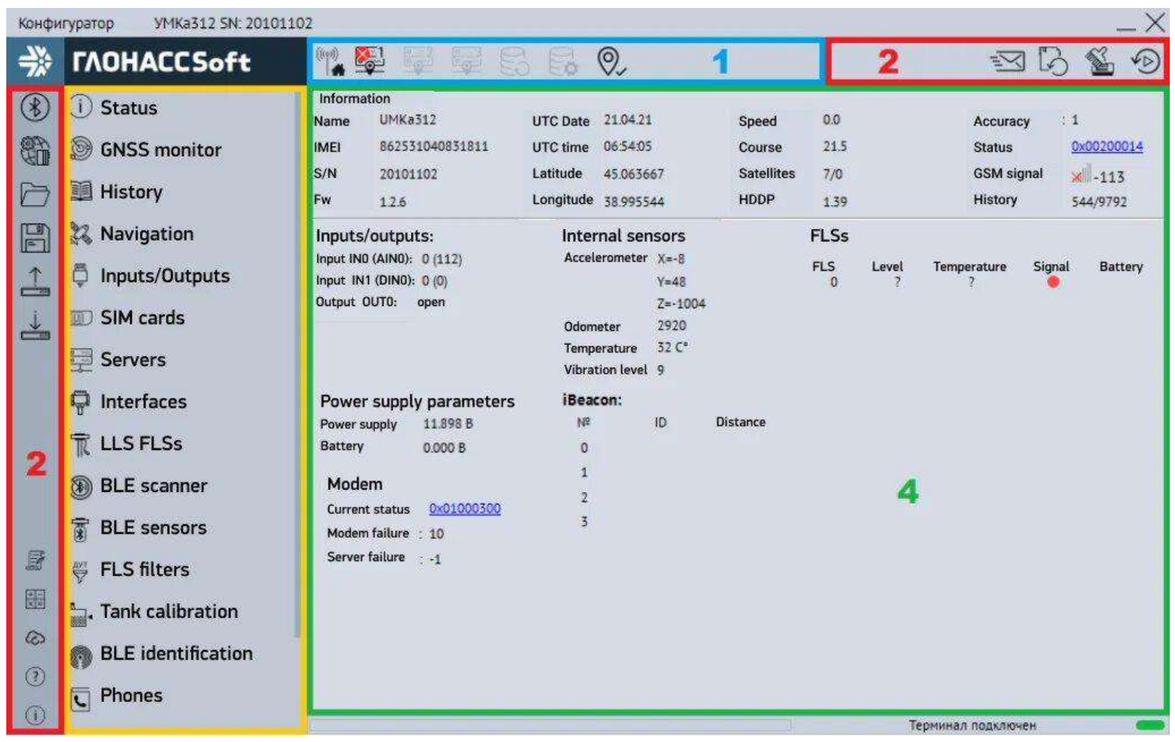
4. Start and connection of a tracker to PC

To start the application go to “Start” → “All programs→ “UMKa3XX configurator”. The start window will pop up. It has 4 zones:



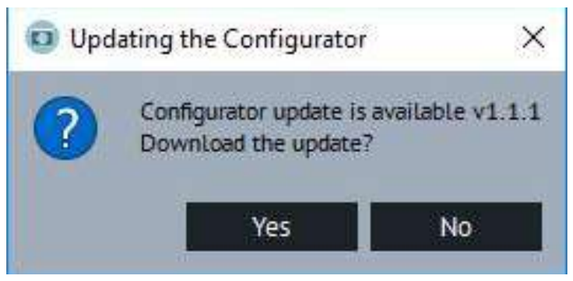
1. **Status panel**

2. **Tools panel**

3. **Settings tree**

4. **Info display window**

When launching, the configurator connects to the updates server and checks their availability for the tracker firmware.
In case the update of the configurator is available, the window with the info of the update will appear.



To download the update, press “Yes”
The update will be downloaded and installed automatically and after this the program will be refreshed.

Connecting the tracker

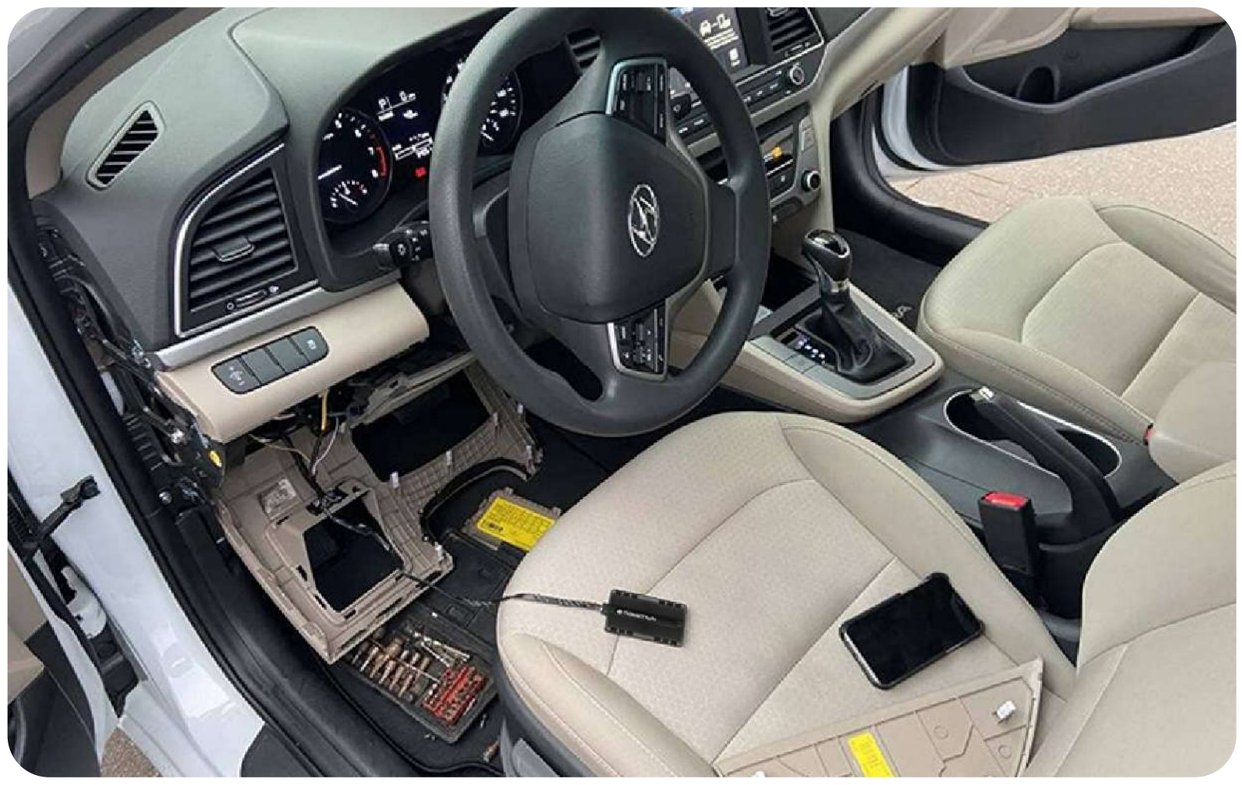
To connect UMKa310 use USB A - micro-B. To connect the tracker via BLE press the button “Remote configuration” in upper left part , and next in the dialogue window type the IMEI and password of the tracker. Then press “Connect”.

5. Configuration of server

To configure the connection with the server use the tab “Servers” where the IP address, port and domain of the monitoring system must be specified.

After that, write the configuration into the tracker with the button:

6. Installing th tracker into the vehicle



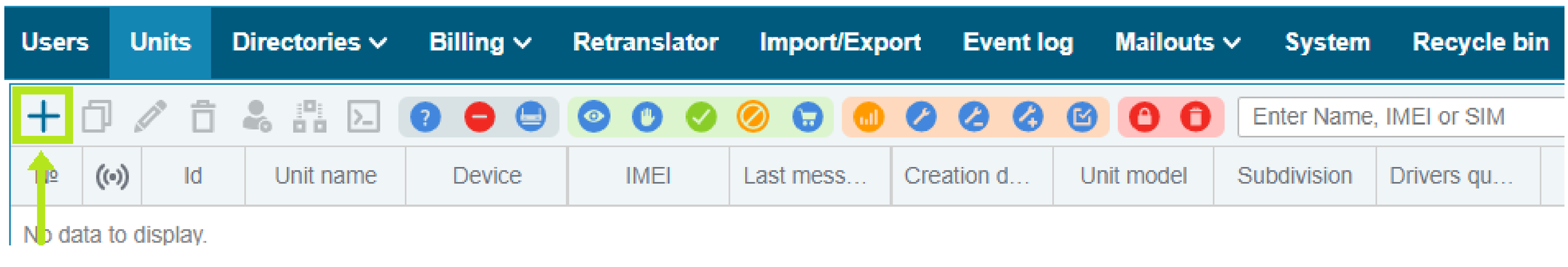
When installing the tracker, it is necessary to take into account its positioning. It is important for the GPS antenna to be forwarded upwards (with inscription GLONASSSoft upwards).

Then give the tracker a few minutes to connect to the updates server. It is desirable to locate it in the open place far from any metal items for a better connection via GSM channel and satellite visibility.

All connections must be done with the help of plastic ties for the wire or with special counterpart of connectors for wires.

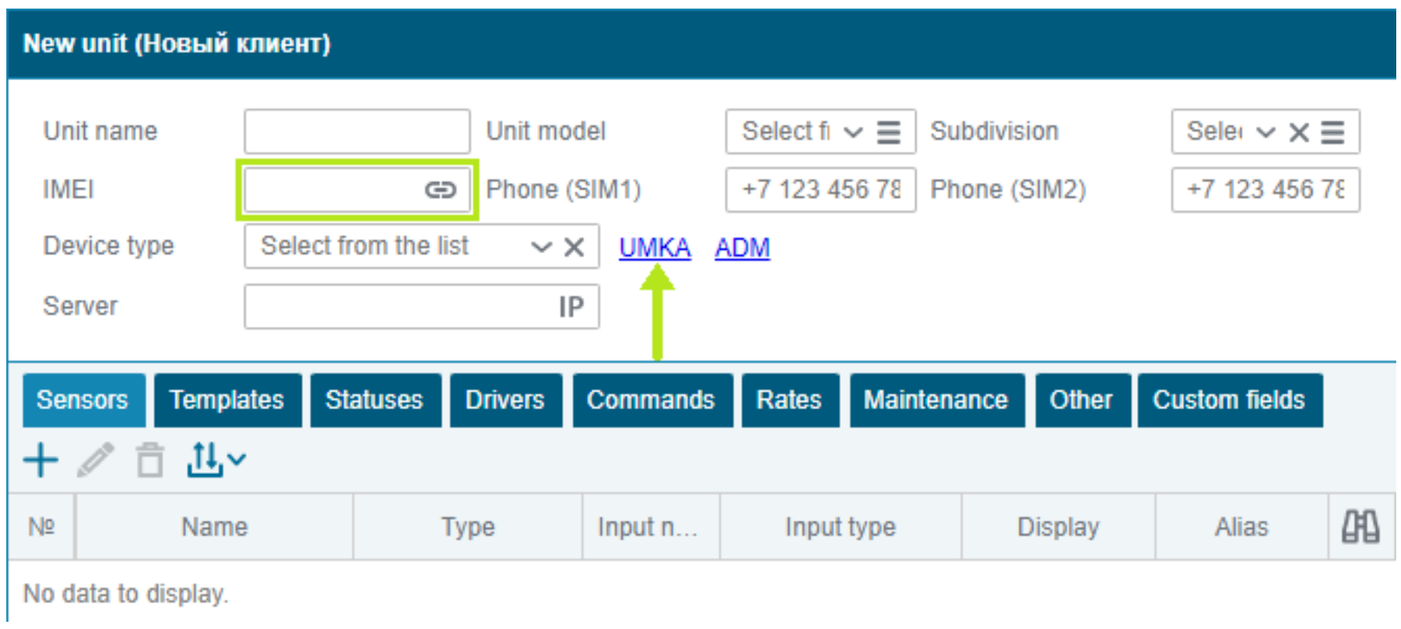
7. Adding a unit on the server and binding IMEI of the tracker

To add a new unit, go to your account on GLONASSSoft platform.
In the control panel go to “Units” module and press the icon “Add”.



In a pop-up window (unit’s card) fill oin the following data:

1. Unit’s name.
2. IMEI (identification with which the clarification of the tracker by the platform is executed).
3. Device type (the server will be automatically bound after choosing the device type).
4. Unit’s model (specify an already existing one or create a new one).
5. Subdivision (not obligatory but necessary for further filtration and grouping of the units).
6. Telephones SIM1 and SIM2 (not obligatory).



Thanks to all above described steps you will be able to quickly connect the tracker!

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