Shamir GPS tracker (Gedion Tracking System)

Set up manual

First step: Opening of the device

Please open Shamir housing by screwing off the housing. The SIM card holder is under the battery and allows to slide-in and to fix the SIM card. Be careful when moving the battery not to pinch the battery cable.
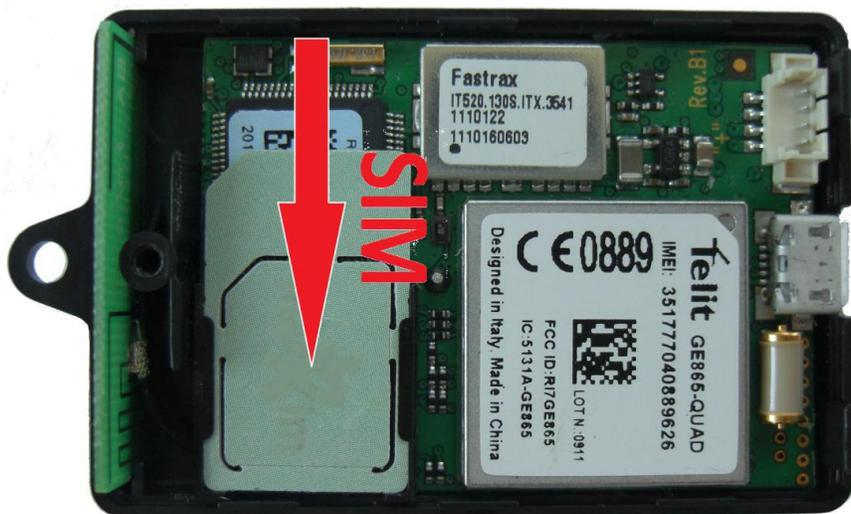
Second step: Putting in the SIM card

Before Shamir logs into the mobile GSM network, it checks whether the used SIM card is PIN free. Please, make sure that PIN security is **disabled**.

You can change SIM card security settings with any mobile phone.

The insertion of the SIM card into the Shamir is as easy as for an average mobile phone:

Please put the device in front of you on your desk so that you are able to slide-in the SIM card in the way the arrow on the label on the Shamir board shows it, the gold contacts of the SIM card should be facing down.

The SIM card has to be pushed in the direction of the arrow, until it stops.

Third step: Closing the housing

Please close the device again. Please take care that the housing covers fit together tightly and properly.

Then screw tightly.

Fourth step: Turn your device ON/OFF

We deliver Shamir devices switched OFF.

If you want to switch it on, please push and hold the red button until the green LED of the left GSM-indicator starts to light-up.

If you intend to switch off Shamir tracking and tracing module, please push the red button twice in quick succession. Then the green LED of the left indicator will continue to light-up a little bit, even though the switch-off process is already on its way.

Hint: pushing the red button will always be confirmed by the red LED in the center indicator, which means it will be illuminated as long as the button is being pushed.

Fifth step: Set up the server connection by SMS

If your tracker was not set up to connect to Gedion Tracking System (GTS) you can do it by SMS commands.

Each tracker has a unique IMEI number. You can find it on the back of you device case. Please note the last 6 digits. Those are used as an ID for your device to configure.

In this manual we will use 777777 as an example. You will have to replace it with your device ID.

You should also know your mobile network APN settings. We will use "APN", "login" and "pwd" for the example. Leave blank if there are no login and password in the APN settings.

Send the following SMS to your device:

00B17777777193.46.83.101,1012,APN,login,pwd

Don't forget to change everything printed in red to your appropriate data.

If everything goes right you should receive an acknowledgment, which should start with **00B4**. It should look like

00B4**7777777**193.46.83.101,1012,**APN**,**login**,**pwd**,1,8,60

Do not pay attention to the last numbers.

If there is no acknowledgment in several minutes, make sure that you plan support SMS and GPRS communication and send the message again.

After you receive the acknowledgment you should send a different SMS:

0111**777777**,,,,30,0,200000000000,00000000

Again don't forget to replace 777777 with your device ID.

You should get an acknowledgement which starts with **0114777777** and a lot of data behind whose numbers which you can ignore. If there is no acknowledgement do the same thing as with the first SMS.

When you receive acknowledgment your Shamir is ready for operation and every 30 seconds exchanges data with GTS.

All other settings can be done via server configuration tool.