Ultrasonic Fuel Sensor of VL802 user manual

Date	Reviser	content
2022.09.06	Eiben	V1.0 version released.

This document is used for getting start with Ultrasonic fuel sensor (RS485) of VL802 and TSP platform, please follow the instructions to operate.

Content

1. Preparation

- VL802 device;
- UL212 Ultrasonic Fuel sensor;
- 12V DC Power supply

2. Fuel sensor Installation

For this part, please check another document which named "UL212 user Guide" in detail.

RS485 ultrasonic fuel sensor wiring:

VL802 device

Ultrasonic Fuel sensor

Vehicle battery (9~36V)
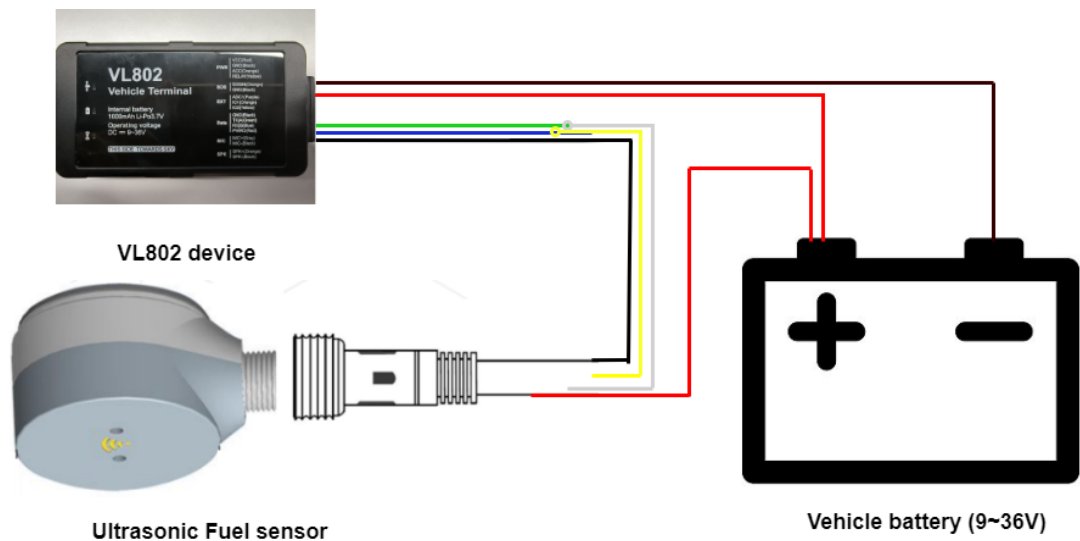
● Note: The white wire of the ultrasonic fuel sensor is replaced by gray in the picture.

Configuration of *FuelGuard* Application:

You need to configure the Fuel sensor via the APP named FuelGuard when you finished the wiring connection between VL802 and sensor.

i.   Ensure the Bluetooth and Location of your phone were switched on and open the app.
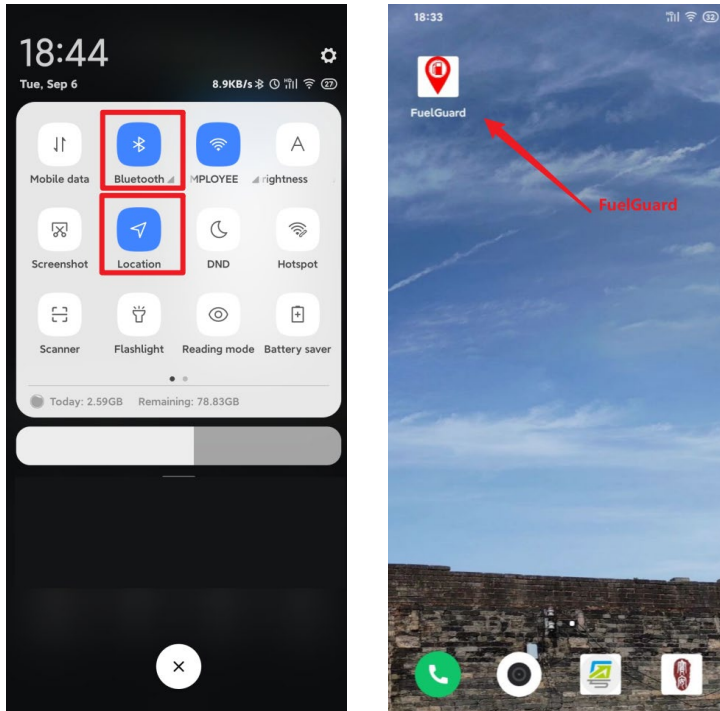
ii.   Click MENU and refresh the device list, connect the ultrasonic fuel sensor that you're installed.
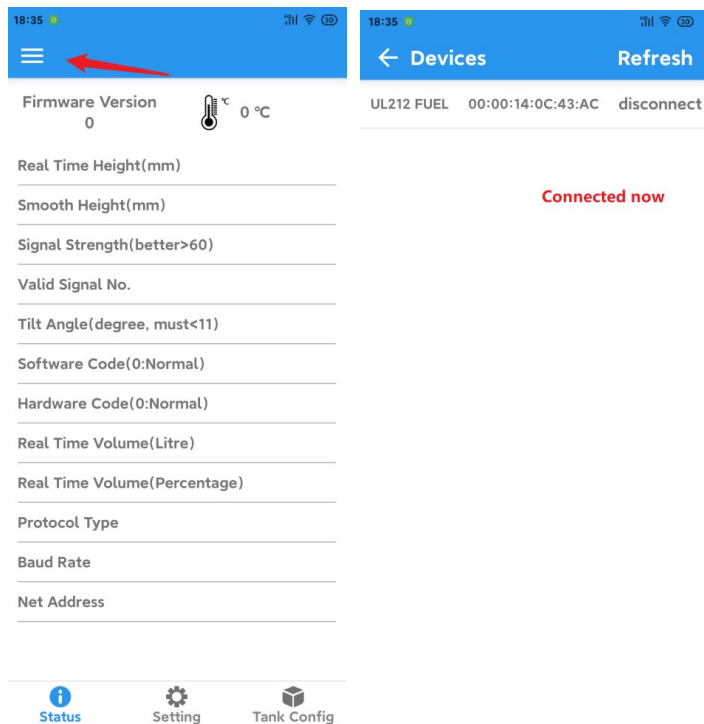
iii.   Back to home page, then click SETTING and input the password: 52381, now set the parameters as the following picture 2, Ensure you got the info of picture 3 when you clicked the READ button, then you can move to next step.

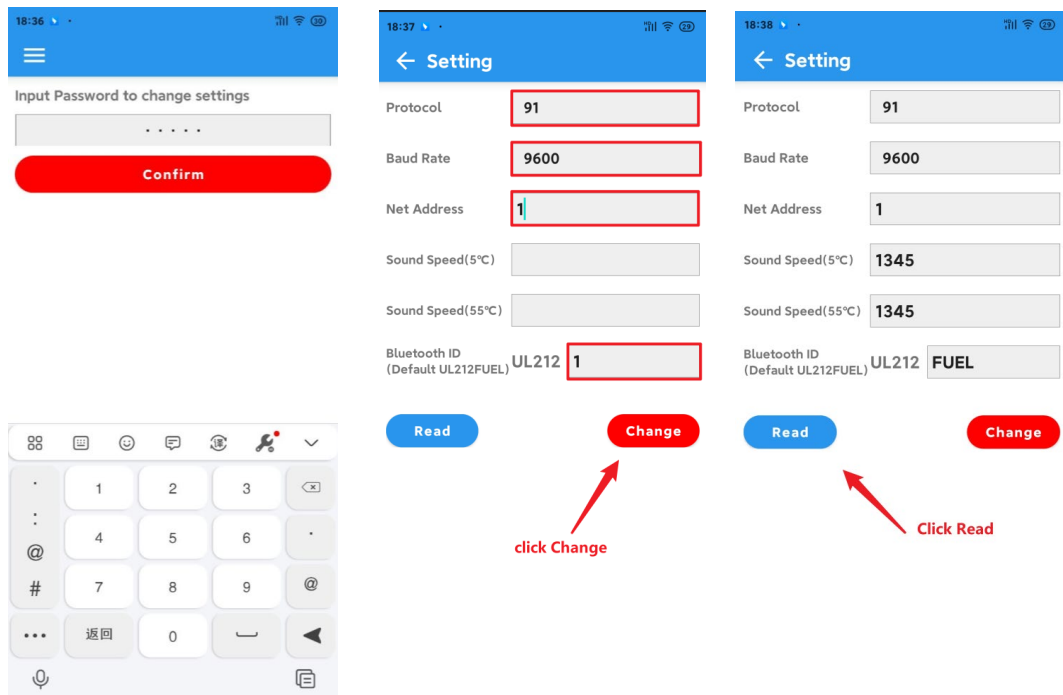iv. Back to home page, then click TANK CONFIG, and set the your Fuel tank information via APP, and back to home page again, ensure the red marked info were matched as the picture2. Then the configuration of app are finished.
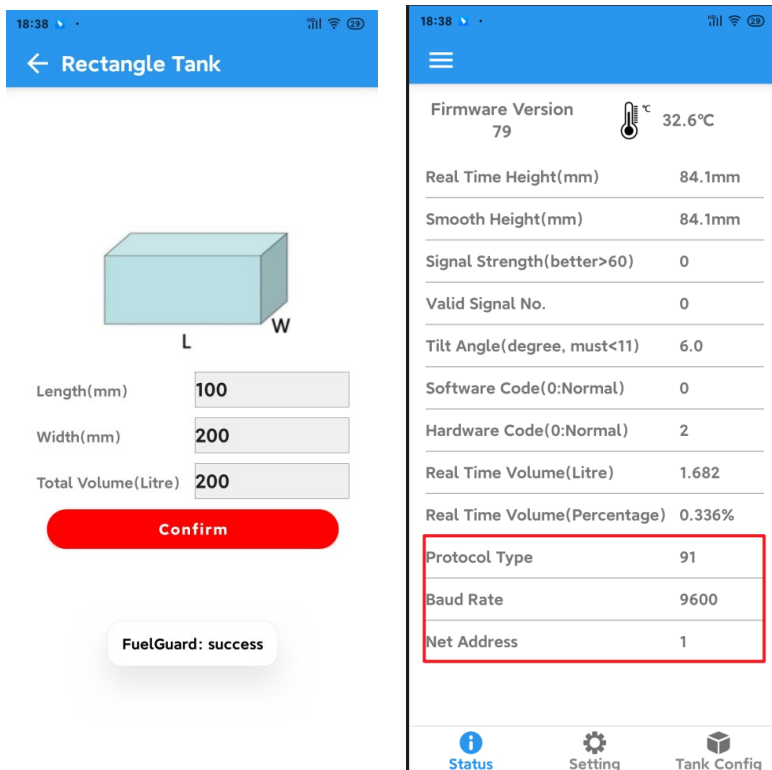
3. Configuration of Communicator

i. Turn on oil stealing/refueling alert report.

Refueling/oil stealing alarm control command: UL212OILALM [,A] [,B] [,C]#
A: Detect alarm content 0: Not detect alarm 1: Oil stealing alarm 2: Refueling alarm 3 Oil stealing+refueling alarm
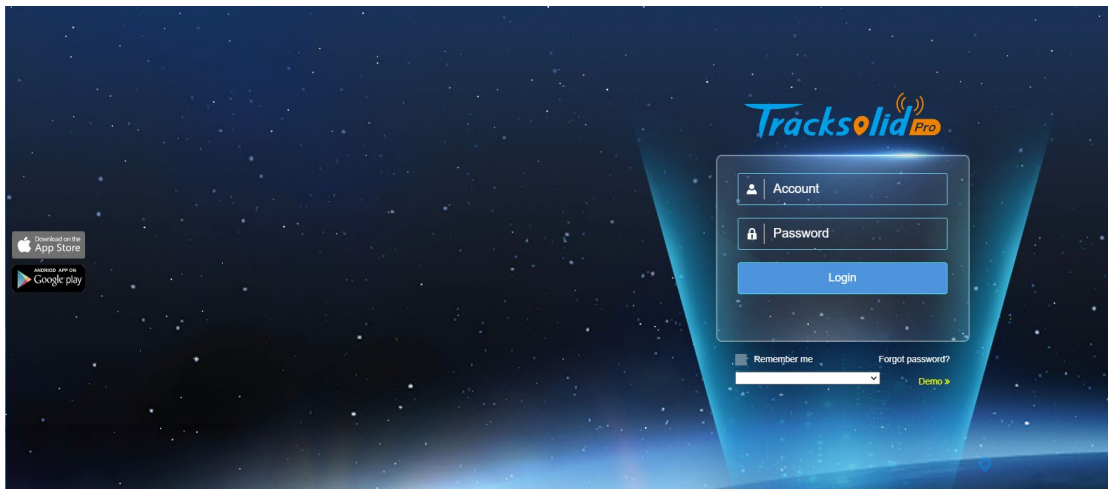B: Alarm reporting method, 0 only GPRS, 1 SMS+GPRS;
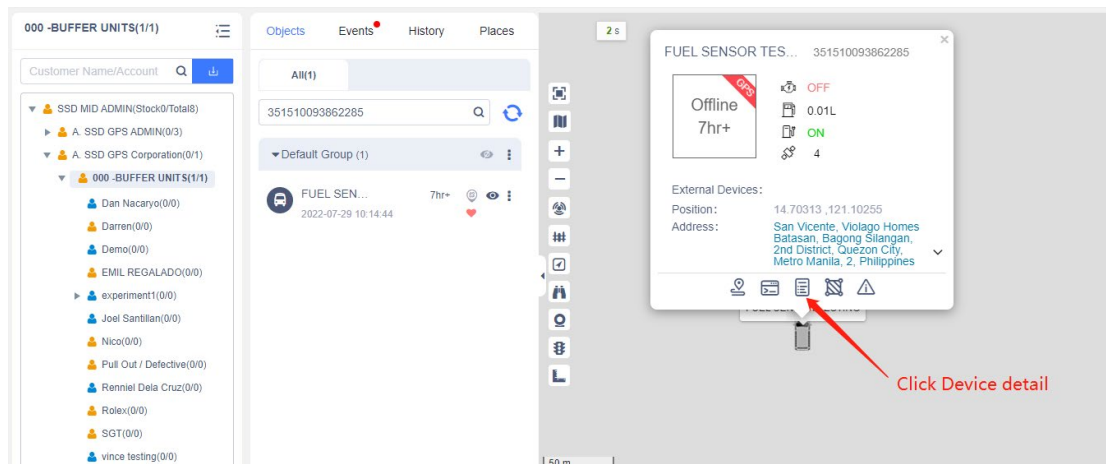C: Alarm silence time (2-60 minutes)
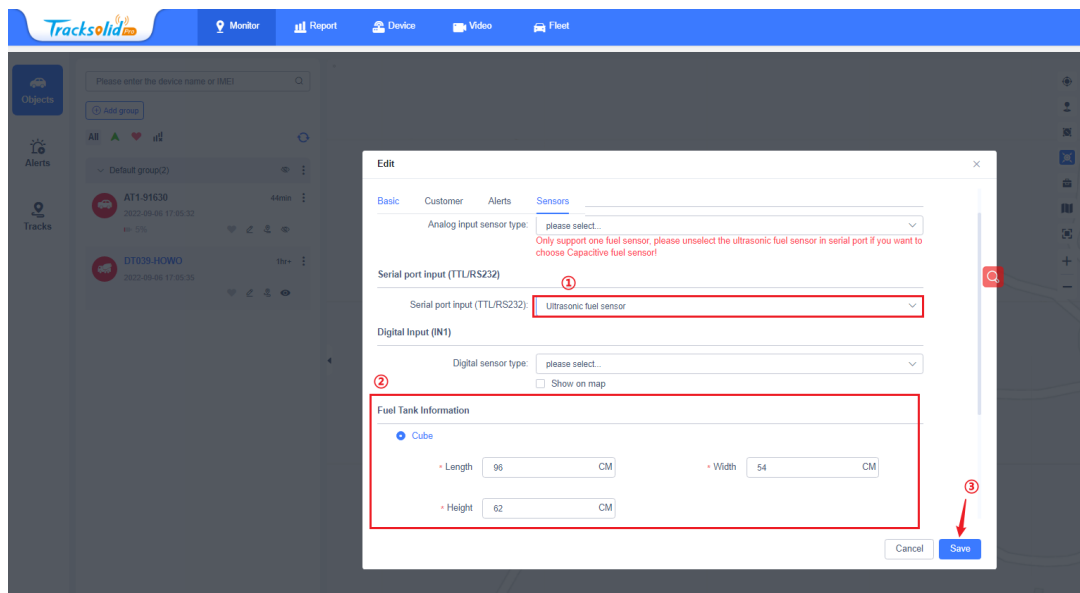Description: Default value (0,0,2#)

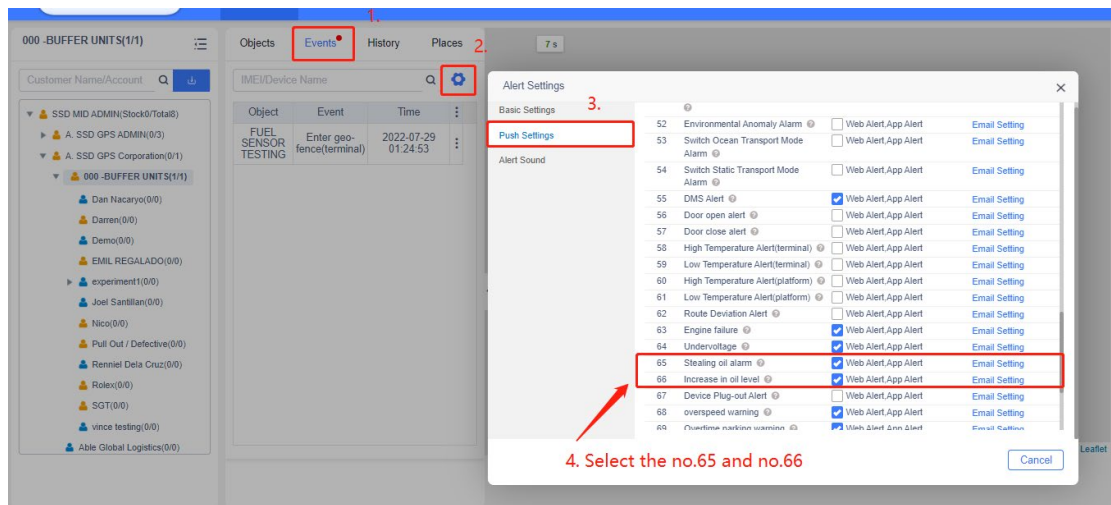# 4. Configuration of TSP Platform

i. TracksolidPro HOME

ii. Turn on the oil display feature.

Click Device detail

iii. Set the Fuel tank information and Fuel sensor type

iv. Turn on the push of oil stealing and oil refueling alert push.

3.