GPS Tracker with Speed Limiter
Model NO.: SL01
User Manual

Version ：Rope-E19091301

Notes:

- Please mount the device steadily on the flat place before using;
- Please make sure the voltage value is right before connecting with battery, and placing the wires to where shouldn't be trodden;
- Please power off when plugging or taking out of any module or connector;
- Please keep the device dry and don't let any liquid fall into the device in case any damage caused in the device or circuit;

If any problem caused as follows, please turn to professional technician:

- When power wire, keyboard, or socket are damaged;
- When liquid infiltrating into the device;
- When the device work unusually or cannot resume to normal even operated according to the instruction;
- When the device cannot work as usual after falling, throwing or breaking;
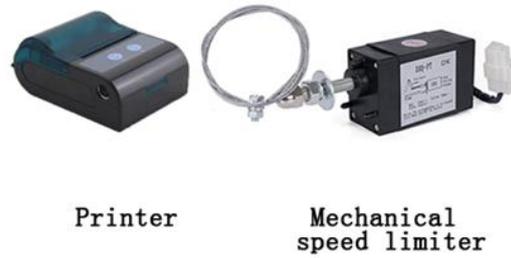- When there is obvious damage in the device.

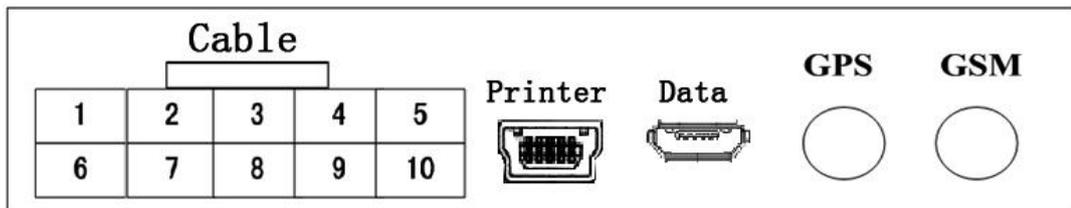# 1. Product Introduction

1.1 Packing List

1.2 Interface:

1.3 Data1 Description

No.	Description	No.	Description
1	DC(12V)	6	GND
2	Fuel Monitoring	7	SOS
3	GND	8	Speed limiter in
4	ACC	9	Odometer wire
5	Power/oil control	10	Speed limiter out

1.4 USB Interface

a. Printer→connect to printer, print date &time and speed

b. Data →connect to PC, configure the parameters

       Read parameters and memory data

The port in other side:

SIM: card port

Phone: Printer control button

MIC: to listen

LED1: power indicator light (RED)

LED2: status indicator light(Green)

RESET: Reset Button

a.Quick flash is initialization. It shows GPS and GSM Abnormal.

b.1 second on, 1 second off shows GPS abnormal.

c.0.1 second on, 3 seconds off shows GPS normal.

d.Keeping on shows the system normal.

2. Characteristics

1) speed governor with GPS, real time tracking on web platform and mobile APP;

2) GPS/GSM/GPRS record data and transmit data every 5 seconds;

3) support printer to print the recorded data;

4) limit speed with 80 KPH while it connects with odometer, otherwise limit speed 40 KPH;

5) get speed data from vehicle odometer and GPS data;

6) enabled and disabled car engine remotely;

7) fuel management-over digital maps. Support interface external ultrasonic sensor/float fuel sensor, compatible original fuel sensor in the tank too;

8) external USB for external printer data download (optional);

9) RS232 port for printer (optional);

10) SOS alarm and Geo-fence alarm by SMS and GPRS;

11) ACC detection;

12) voice monitoring;

13) built-in backup battery, uninstall alarm.

2.1. Specifications

Items	Parameters
Size	137*75*29mm
Working Voltage	DC:6.8~60V
Input Fuse	2A
Working Temperature	-40~85°C
Humidity	10% to 90%
Input I/O	6 I/O input/output Port 1 detect speed from odometer 1 port use to check the engine (ACC check) 1 port use to SOS 1 analog Input port(Fuel sensor) 1 Output port (Car engine control) 1 Output port (speed limiter)
USB	2 USB interface 1st--USB printer 2nd---PC interface
Microphone	3.5mm single track
Current	Not working Current 16mA working Current:60~150mA Current of opening infrared of Camera at night :100~200mA Charging current: Max<500mA
Battery	Lithium battery :400mA(working time is about 3.5 hours)
Accessories	Main unit, 10PIN Connecting cable ,GPS antenna ,GSM antenna, 2 relays, SOS button, Microphone, printer Optional: USB cable printer

3.Method of installation

3.1. Preparation before installation

3.1.1 Open the packing box to check whether the type of device is correct and whether the accessories are included, or else please contact your distributor.

3.1.2 Choose SIM card: each device needs to insert a GSM SIM card.

Please refer to the distributor's suggestions to choose the SIM card.

3.1.3 Installing SIM card into the tracker, open the device with screwdriver and put the SIM card into the tracker (do not insert the SIM card backwards).
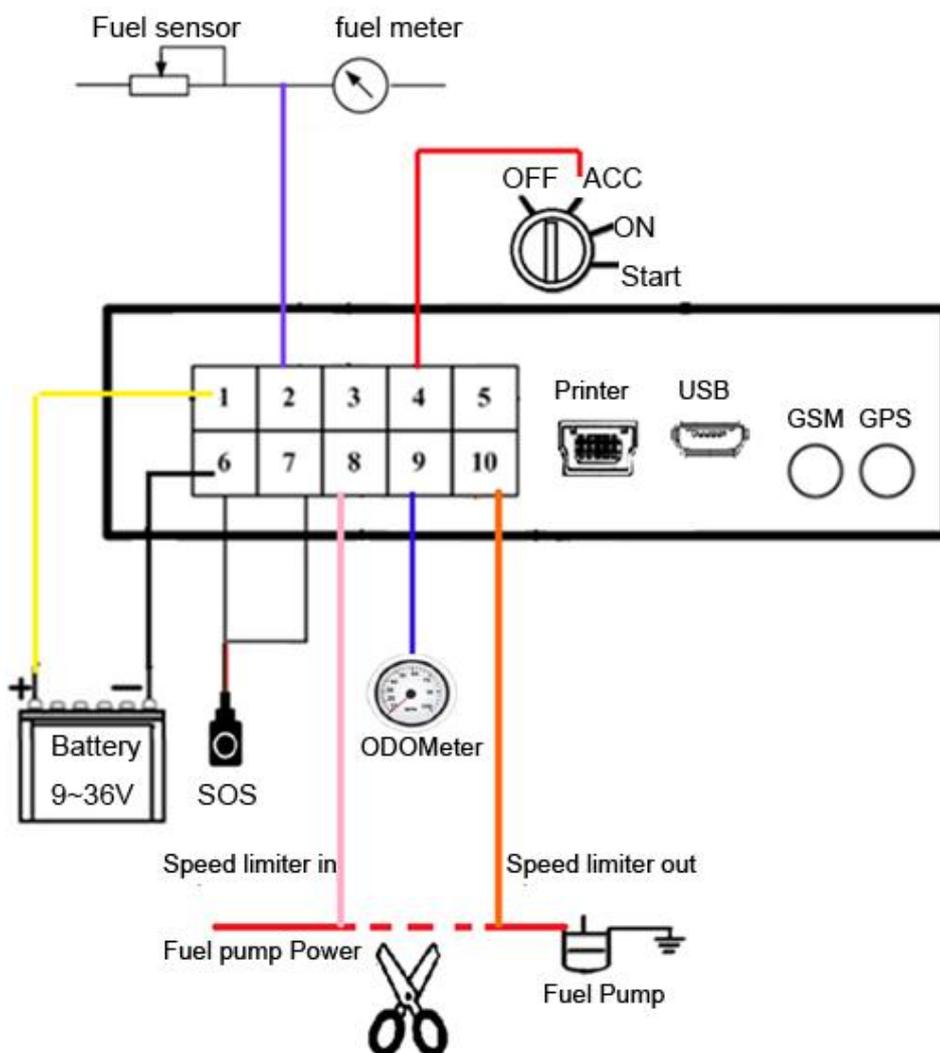
Note:

Power off before installing or removing the SIM card

The SIM card should have GPRS credit

Ensure the SIM card is able to send and receive SMS

3.2 Installation diagram

4. Web based tracking online activation

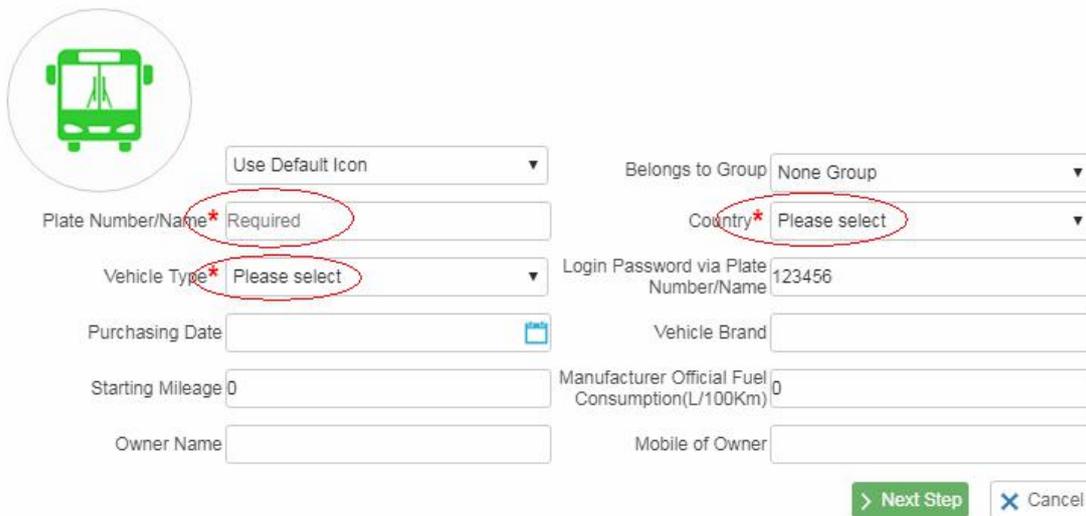4.1 Open website **www.overseetracking.com** and login with the user & password that created by Rope

4.2 Click **Information Management**

4.3 Click **Vehicle Tracker List** and you will see all your vehicles are listed there. Please note, to add more devices, please contact your sales.

Please check the **Tracker Status**, if it is **Unactivated**, please click **Activate**. If it is **Activated**, please click **Edit**.

Plate Number/Name	Tracker Model	Tracker Information	Installed Accessories	My Service Expiring Date	Sub-user's Service Expiring Date	Vehicle Owner	Tracker Status	Operation
	DJ808	ID: 13000000157￼IMEI: 094027849470￼Phone number:					Unactivated	⊿ Activate
M-23 UAQ 246K	DJ808	ID: 13000000158￼IMEI: 011653707339￼Phone number: +25618666820185	RL12: 12V Relay￼Mic-Rope: Mic-phone		2019-07-24	Stephen Kibuuka￼Tel:	Activated￼2018-09-08￼06:03:18	☑ 🗑￼this is edit
unknown	DJ808	ID: 13000000159￼IMEI: 011752301171￼Phone number: +25611752301171	RL12: 12V Relay￼Mic-Rope: Mic-phone				Activated	☑ 🗑
H 10	DJ808	ID: 13000000166￼IMEI: 011752301172￼Phone number: +25611752301172	RL12: 12V Relay￼Mic-Rope: Mic-phone		2019-07-24		Activated￼2018-09-08￼06:04:00	☑ 🗑

4.4 Click **Activate**, please fill in the blanks marked with red *. You also can fill in other blanks to complete the device information.

Use Default Icon ▾	Belongs to Group None Group ▾
Plate Number/Name * Required	Country * Please select ▾
Vehicle Type * Please select ▾	Login Password via Plate Number/Name 123456
Purchasing Date 📅	Vehicle Brand
Starting Mileage 0	Manufacturer Official Fuel Consumption(L/100Km) 0
Owner Name	Mobile of Owner

> Next Step   ✕ Cancel

4.5 Click **Next Step** and fill in the requested blanks.

4.6 Click **Next Step** to fill in sim card APN information. Please select the telecom name, if the telecom is not listed there, please click **Enter Telecom Name** to fill in the sim card telecom name.

4.7 Click **Next Step**, OVERSEE gives the configuration SMS to you. Please copy it and send it to the gps device, after you receive reply from the gps device, it should be online.

4.8 Click **Finish**--**Tracking Map** to see if the gps device is online or not.

5. Trouble shooting

5.1. After installing it in the first time, if device cannot get connected with platform server, at this time it is "logged off" status in platform.

Follow the instructions one by one as below:

1) Call the device to see what happens.

If ring: go to the next step.

If not ring:

a. Check whether the SIM card is installed correctly or not. Check whether the connection of power-line is correct or not . (Details: If the users are testing the device in office or at home, they have to connect device with 12V DC external power supply. If it is tested in the car, make sure the installer connect all the cable correctly.)

b. Check the LEDs' status. In normal working status, the red LED is in bright flash 0.1s dark 2s, yellow GSM LED bright flash 0.1s dark 2s and blue GPS LED bright flash 0.1s dark 2s

c. Check whether the vehicle is in no GSM area, such as basement;

2) Check whether the device reply after sending SMS command.

If reply:

a. Check whether the APN is correct or not,

b. Whether the port is correct or not,

c. check whether the SIM card support GPRS.

d. check the IMEI number is correct or not

If not reply: check the SMS command format, make sure it is correction.