



## LS5001 - GPS Locator



GPS locator **LS5001** is designed to locate the current position of the vehicle using GPS coordinates and protects the vehicle from unauthorized use. It provides all necessary information about protected vehicle in real time.

**Security features:**

GPS protection

**Monitoring:**

any change of GPS position of vehicle, it triggers alarm

**Tow-away protection:**

any change of GPS position of vehicle without ACC on, it triggers alarm

### **Tilt sensor**

Build-in tilt sensor with adjustable sensitivity is automatically activated 2mins after ignition is off.

It triggers alarm if car is lifted up.

### **GSM Jamming protection**

In case of GSM signal jamming, the unit can switch on OEM siren, triggers alarm if connected to car alarm or it can immobilize the engine in cooperation with additional device. In this time the unit can not send out SMS, it will be sent after jamming is off.

### **Accumulator status**

Real time identification of car battery discharging. It will send SMS if the voltage drops below the set value.

Any security violation in the protected zone, it will trigger alarm and GPS locator will make a call to owner, it sends message or notification in mobile app.

**The unit can be connected to any Laserline car alarm or OEM car alarm**

Alarm SMS contains information about type of alarm trigger with the current vehicle position on Google maps and can be sent to up to 3 phone numbers

### Over speed protection

Possibility to set the speed limit in km/h above which will be sent an SMS with the vehicle speed and the weblink with the current position.

### Car alarm connection

Universal adjustable input for connection with OEM or **Laserline car alarms** is designed to inform the owner of the car in case of alarm. Once alarm is triggered, GPS locator will send alert SMS about alarm with real-time GPS position.

### SLEEP mode

To protect the vehicle battery, it is possible to park long-term without changing position to activate SLEEP mode. It is automatically deactivated in case of alarm of tilt sensor, input for alarm or switching on the ignition.

## **SMS**

Forwarding of unauthorized SMS for example : attempted sabotage equipment or information received from the mobile provider. (eg. credit balance) . Editable texts of SMS.

## **2 outputs**

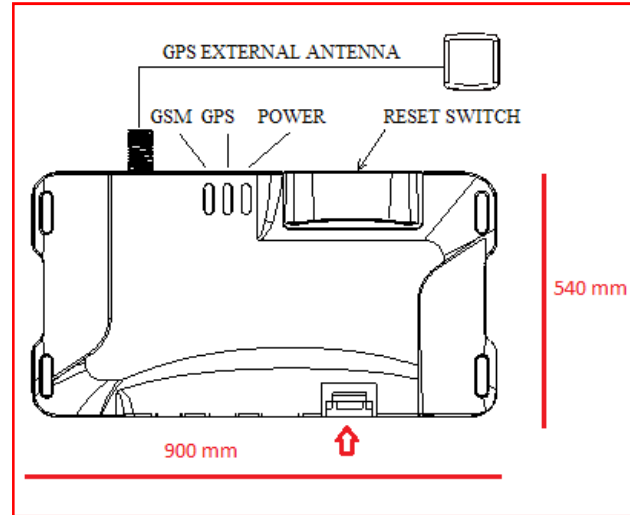
OUTPUT nr. 1 can be used in 2 modes:

- Monitor status information (On/Off)
- Remotely control of external device (f.e. heating device)

OUTPUT nr. 2 is for connecting the sirene or horn

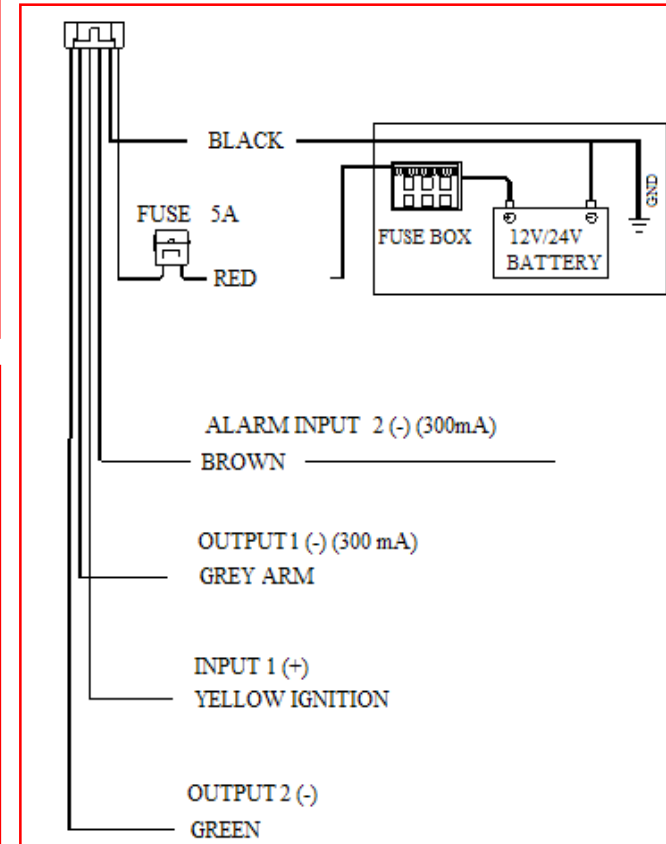
## **1 input**

INPUT – for OEM or aftermarket car alarm (adjustable)



**Connection:**

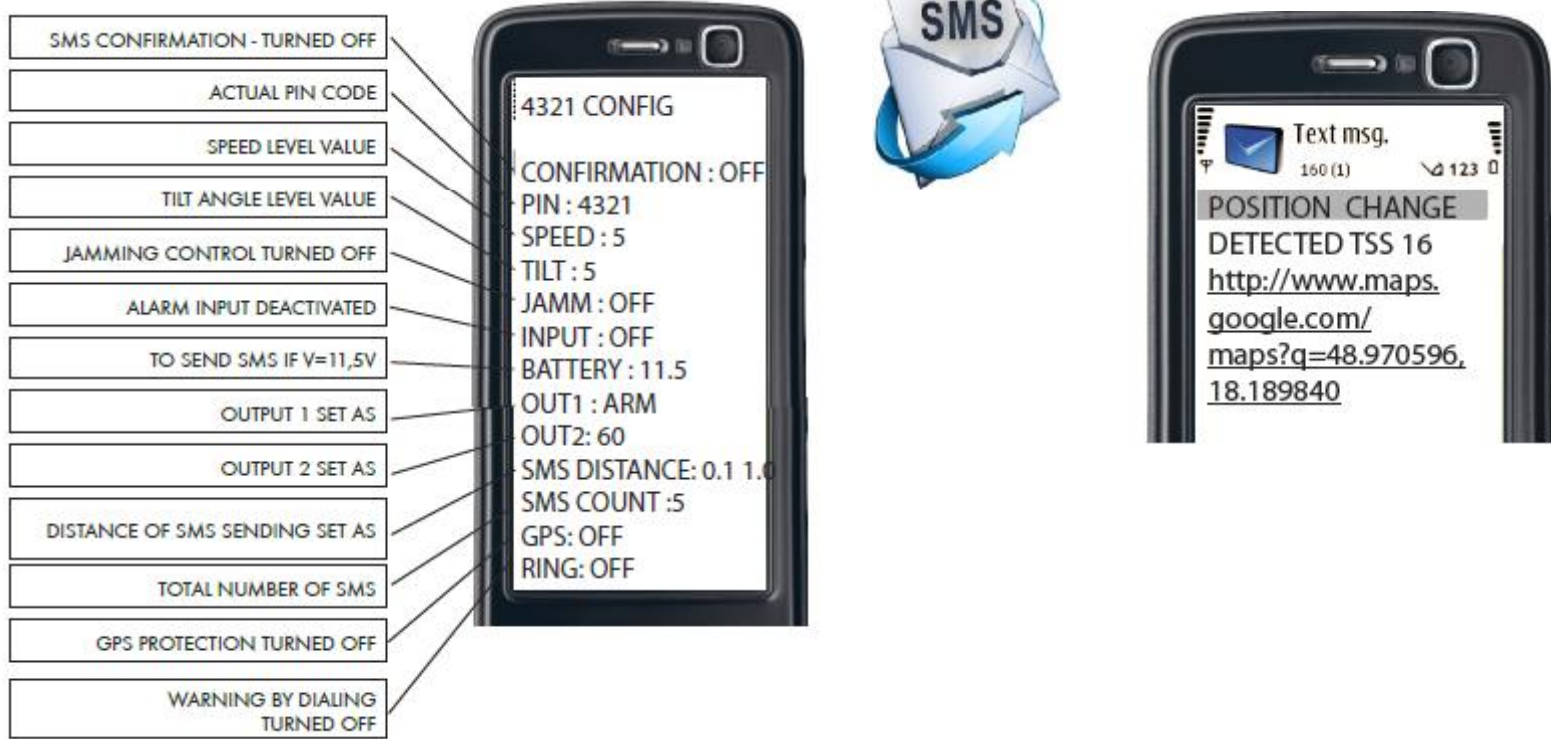
- Input 1 (+) to ignition
- Input 2 (-) the universal input, can be connected to car alarm
- Output 1 (-) optional output, with information status ARM/DISARM or could be set as output controlled by SMS
- Output 2 (-) alarm output, activated by TILT sensor or GSM jamming



A complete real-time overview of the status and position of protected vehicle anywhere in the world (in coverage of GSM signal).

Built-in backup battery and tilt sensor allow to use the device as autonomous device (without car alarm) and the operation of the system even after disconnecting the power

Communication between the vehicle and its owner takes place via SMS messages





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