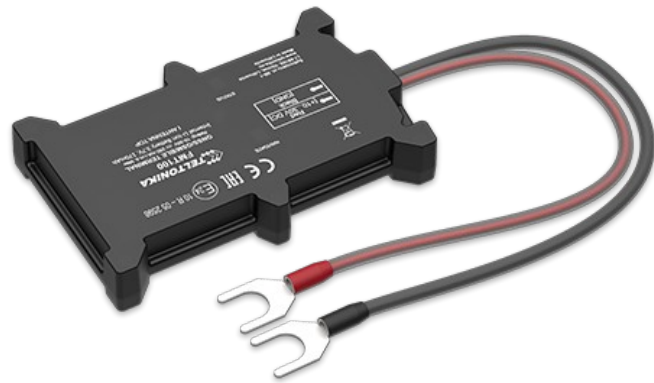
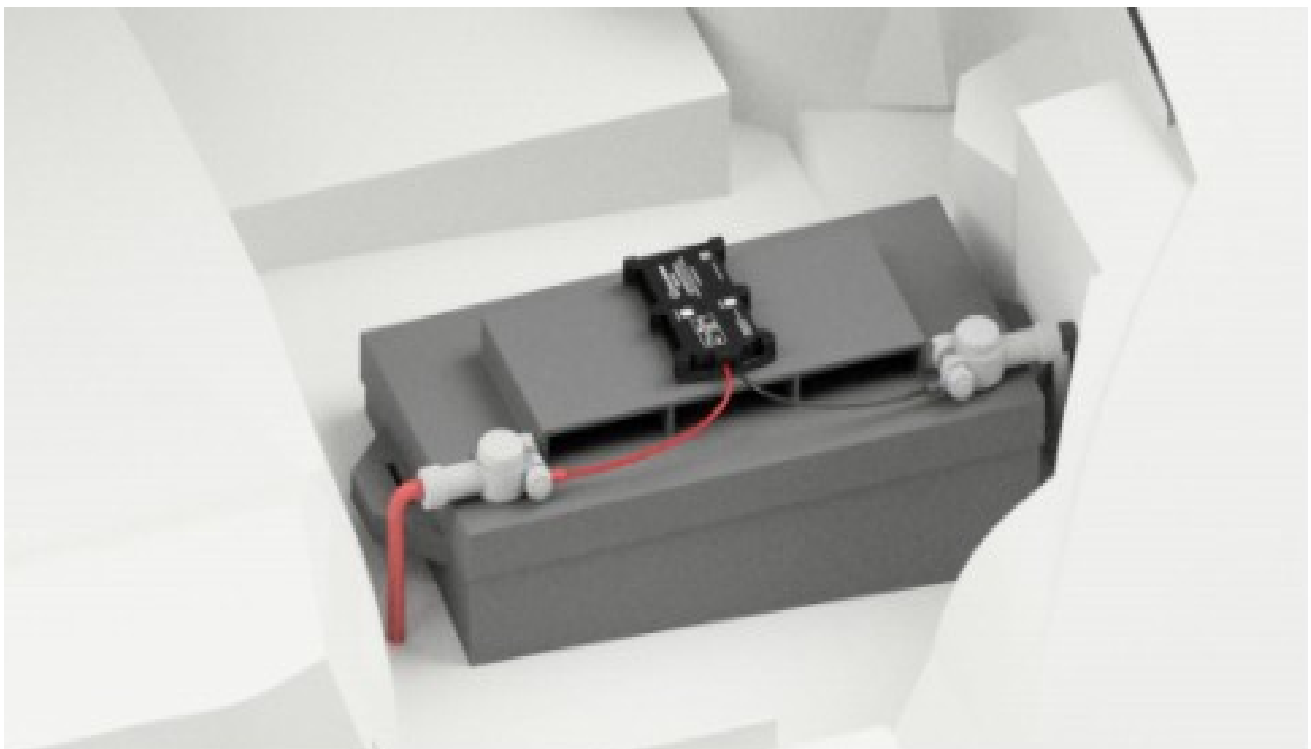


# Teltonika FMT100 GPS TRACKER INSTALLATION GUIDE

Additional configuration notes if using the device on our software platform.



1. Clean surface of vehicle battery.
2. Peel off sticky pad cover
3. Stick device to top of battery (cable exit point towards front of the vehicle)
4. Connect **Black** wire to **Negative** battery terminal.
5. Connect **Red** wire to **Positive** battery terminal.



## NOTES FOR SETTING IGNITION SENSE

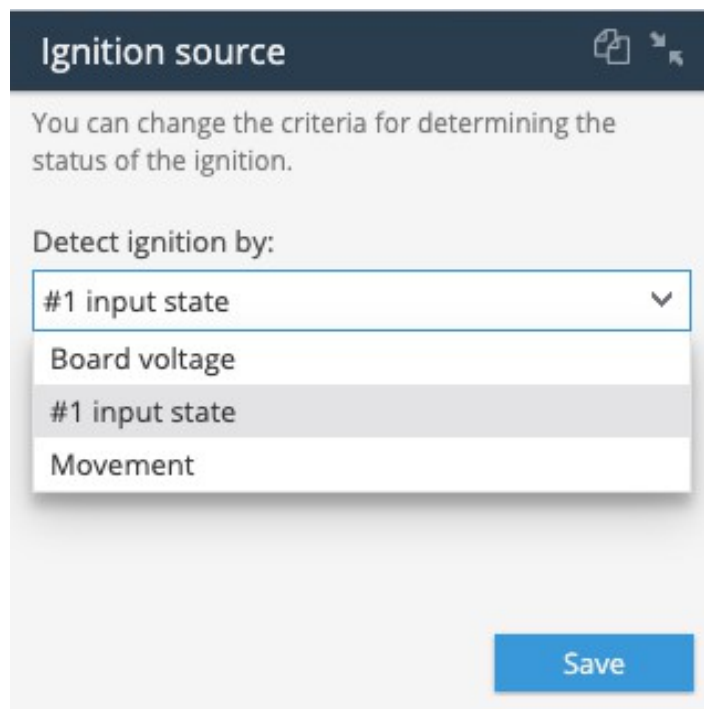
There are 2 options for detecting ignition on/off

1. **Board Voltage** – Device automatically detects voltage change when engine is switched on/off and sets the ignition status accordingly. *(On some vehicles this feature can provide false readings such as auto stop/start technology etc in which case select option 2 (Movement sense))*

2. **Movement Sense** – When the device detects movement it switched the ignition status to on. If the device does not sense any movement for any 5 minute period it will switch the ignition status to off.

DO NOT SELECT #1 INPUT STATE

You will need to log into the tracking platform to set the method of ignition you are using.



**Ignition source**

You can change the criteria for determining the status of the ignition.

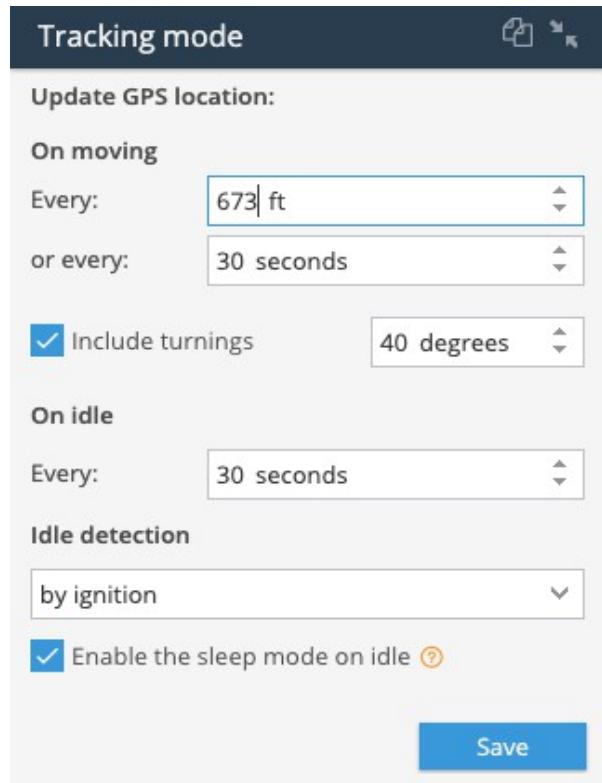
Detect ignition by:

- #1 input state
- Board voltage
- #1 input state
- Movement

Save

## TRACKING INTERVAL SETTINGS

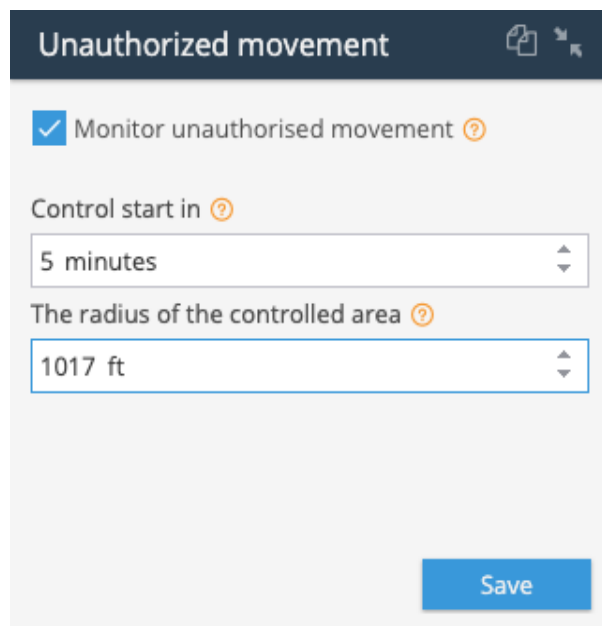
You can change the data upload settings in the software platform. If connecting remote immobilise feature we recommend setting the 'idle' time interval to 30 seconds. Always ensure you tick the box marked 'Enable the sleep mode on idle' which switches the GPS module off when parked to preserve the vehicle battery charge level.



The screenshot shows the 'Tracking mode' settings interface. At the top, there is a title bar with the text 'Tracking mode' and a refresh icon. Below the title bar, the section is titled 'Update GPS location:'. Under this section, there are two sub-sections: 'On moving' and 'On idle'. In the 'On moving' section, there are two dropdown menus: 'Every:' set to '673 ft' and 'or every:' set to '30 seconds'. There is also a checked checkbox for 'Include turnings' with a dropdown menu set to '40 degrees'. In the 'On idle' section, there is a dropdown menu for 'Every:' set to '30 seconds'. Below these sections is the 'Idle detection' section, which has a dropdown menu set to 'by ignition' and a checked checkbox for 'Enable the sleep mode on idle'. At the bottom right of the interface is a blue 'Save' button.

## UNAUTHORISED MOVEMENT SETUP

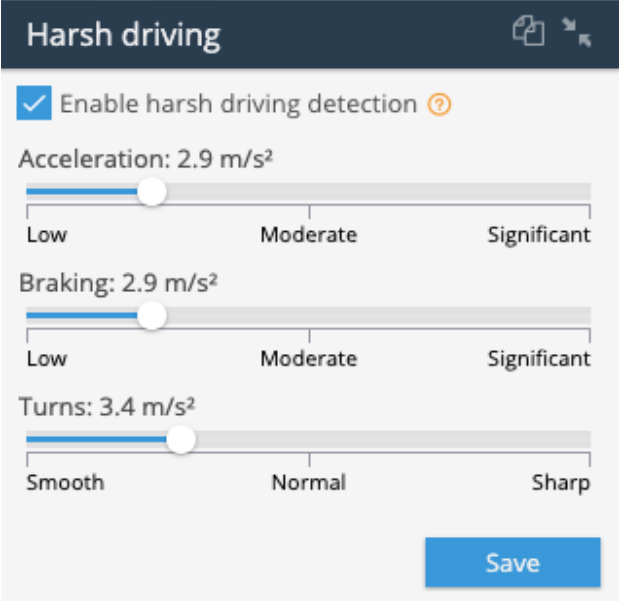
The platform will automatically set up unauthorised movement alerts. To prevent false alarms from GPS drift we recommend setting the minimum control start time to 5 minutes and the minimum distance to at least 1000ft.



The screenshot shows the 'Unauthorized movement' settings interface. At the top, there is a title bar with the text 'Unauthorized movement' and a refresh icon. Below the title bar, there is a checked checkbox for 'Monitor unauthorised movement'. Underneath, there are two dropdown menus: 'Control start in' set to '5 minutes' and 'The radius of the controlled area' set to '1017 ft'. At the bottom right of the interface is a blue 'Save' button.

## HARSH DRIVING MONITOR

You can alter the sensitivity for the 'harsh driving' alerts in the platform device settings tab.



The screenshot shows the 'Harsh driving' settings interface. At the top, there is a title bar 'Harsh driving' with a help icon and a close icon. Below the title bar, there is a checkbox labeled 'Enable harsh driving detection' which is checked. Underneath, there are three sliders for adjusting sensitivity. The first slider is for 'Acceleration: 2.9 m/s²' with a scale from 'Low' to 'Significant'. The second slider is for 'Braking: 2.9 m/s²' with a scale from 'Low' to 'Significant'. The third slider is for 'Turns: 3.4 m/s²' with a scale from 'Smooth' to 'Sharp'. A blue 'Save' button is located at the bottom right of the settings panel.

Harsh driving

Enable harsh driving detection ⓘ

Acceleration: 2.9 m/s<sup>2</sup>

Low Moderate Significant

Braking: 2.9 m/s<sup>2</sup>

Low Moderate Significant

Turns: 3.4 m/s<sup>2</sup>

Smooth Normal Sharp

Save