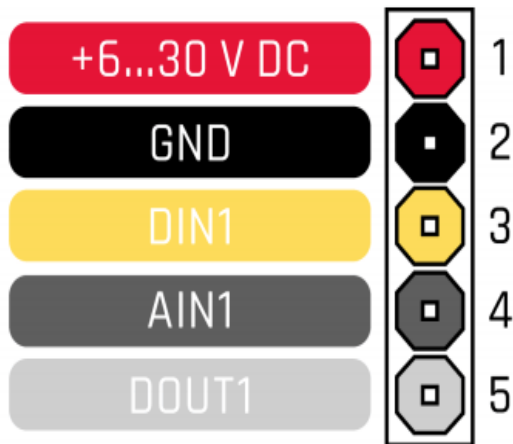


Teltonika FMB920 GPS TRACKER INSTALLATION GUIDE

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



PIN NUMBER	PIN NAME	DESCRIPTION
1	VCC (6-30)V DC (+)	(Red) Power supply (+6-30 V DC)
2	GND (-)	(Black) Ground
3	DIN1	(Yellow) Digital input, channel 1. DEDICATED FOR IGNITION INPUT
4	AIN1	(Grey) Analog input, channel 1. Input range: 0-30 V DC
5	DOUT1	(White) Digital output. Open collector output. Max. 0,5 A DC.

NOTES FOR SETTING IGNITION SENSE

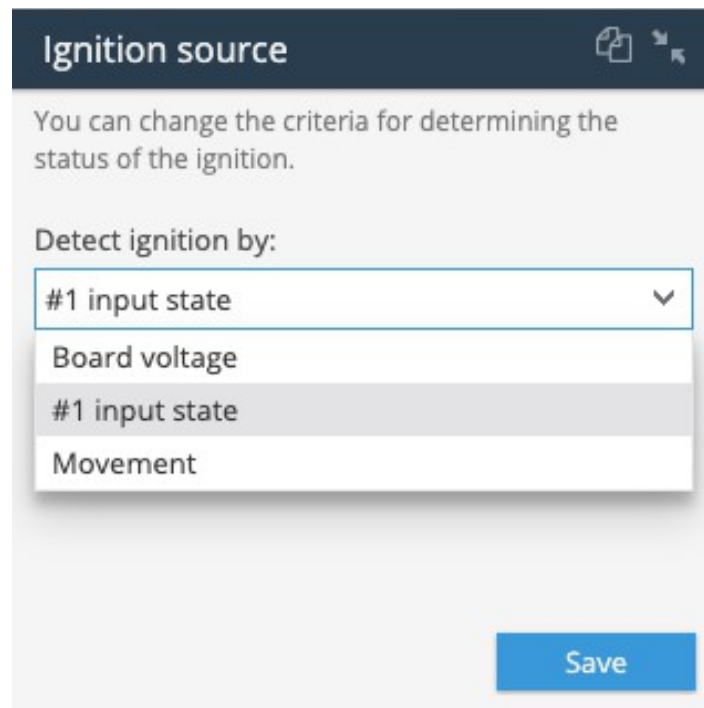
There are 3 options for detecting ignition on/off

1. **DIN1 Input wire** (Yellow) – Connect this wire to a suitable power feed controlled by vehicle ignition status.

2. **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 3 (Movement sense))

3 **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.

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.

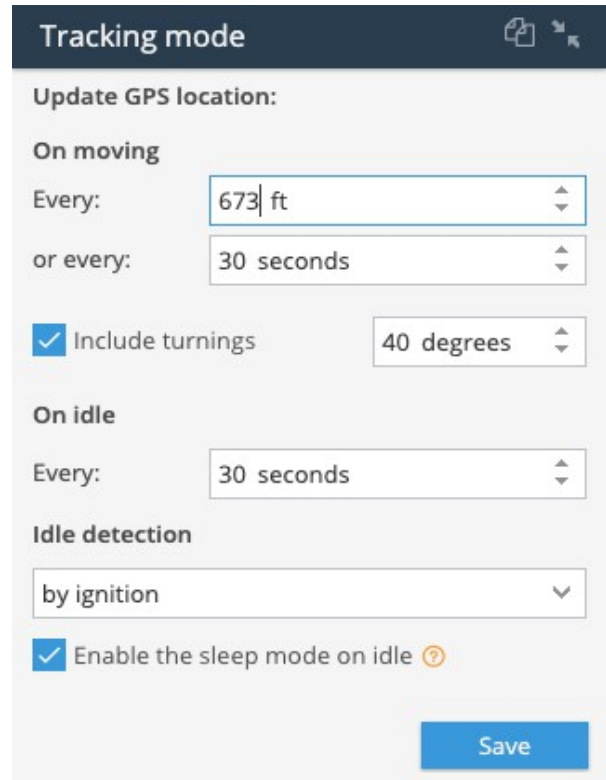
Detect ignition by:

- #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.



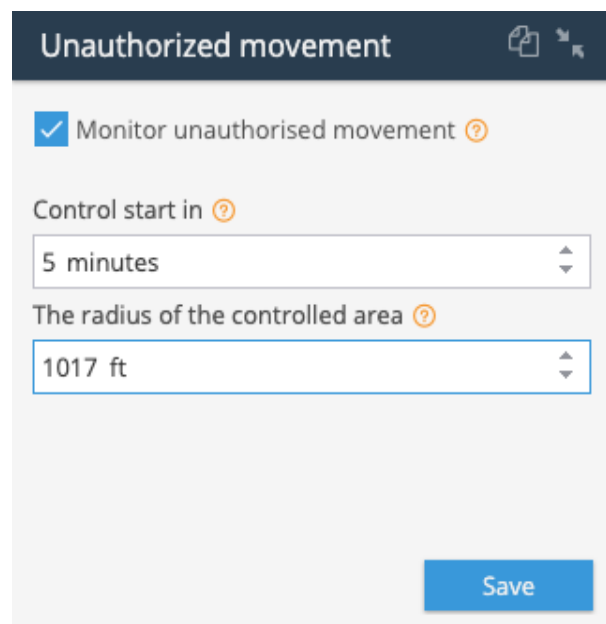
The screenshot shows the 'Tracking mode' settings window. It has a dark blue header with the title 'Tracking mode' and a close button. The main content area is light grey and contains the following settings:

- Update GPS location:**
 - On moving:**
 - Every: 673 ft (dropdown menu)
 - or every: 30 seconds (dropdown menu)
 - Include turnings: 40 degrees (dropdown menu)
 - On idle:**
 - Every: 30 seconds (dropdown menu)
 - Idle detection:**
 - by ignition (dropdown menu)
 - Enable the sleep mode on idle (with a help icon)

A blue 'Save' button is located at the bottom right of the window.

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 window. It has a dark blue header with the title 'Unauthorized movement' and a close button. The main content area is light grey and contains the following settings:

- Monitor unauthorised movement (with a help icon)
- Control start in (with a help icon): 5 minutes (dropdown menu)
- The radius of the controlled area (with a help icon): 1017 ft (dropdown menu)

A blue 'Save' button is located at the bottom right of the window.

HARSH DRIVING MONITOR

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

