

## FM1000 and FM1010 Ignition settings

Ignition Source sets ignition triggered functionalities to be triggered by:

- Power Voltage (if voltage is between High Voltage Level and Low Voltage Level the ignition is considered to be turned on);
- Digital Input (DIN1 ON – ignition on, DIN1 OFF – ignition off);
- Movement (if accelerometer/movement sensor detects movement then ignition is on, if movement stops – ignition is off).

The screenshot shows the 'SYSTEM' configuration page. On the left is a navigation menu with options: System, Records, GSM, DataAcquisitionModes, Features, IO, and Accelerometer. The main area is titled 'SYSTEM' and contains several settings sections:
 

- Sleep Settings:** Sleep Mode: Deep Sleep, Sleep Timeout: 5 min.
- Mode Switch Settings:** Switch by: Movement.
- Ignition Settings:** Ignition Source: Power Voltage. High Voltage Level: 30000 mV. Low Voltage Level: 13000 mV.
- Records Settings:** Saving/Sending Without Time Synchronization: Disable.

 A red box highlights the Ignition Settings section, and a blue selection box is shown over the 'Power Voltage' option in the 'Ignition Source' dropdown.

Stop Detection Source	Vehicle on Stop mode	Vehicle Moving mode
Ignition (recommended)	If ignition (DIN1) is logic low	If ignition (DIN1) is logic high
Msensor (movement sensor)	Internal movement sensor does not detect movement	Internal movement sensor detects movement
Power Voltage	If voltage isn't between High Voltage Level and Low Voltage	If voltage is between High Voltage Level and Low Voltage

SMS commands to change Ignition Source:

- **Power Voltage** ,, setparam 1003 0“ ;
  - Low level ,, setparam 1006 X“
  - High level ,, setparam 1007 X“

X- voltage in miliVolts (mV)
- **Digital Input** ,, setparam 1003 1“;
- **Movement** ,, setparam 1003 2“.