

# FMC250 Manual Geofence settings

[FMC250 Configuration](#) > **FMC250 Manual Geofence settings**



FMC250 has 50 configurable Geofence zones and it can generate an event when a defined Geofence zone border is crossed. *Frame border* is an additional border around Geofence zone used to prevent false events when object stops on the border of the area and as a result records are made inside and outside the defined area because of GNSS errors. The event is generated only when both (Geofence and frame) borders are crossed. See figure to the right for details: blue track is considered to have entered the area whereas red track is not.

*Shape* can be a rectangle or a circle as defined by the user.

Priority of Geofence event is categorized into Low, High or Panic levels. These levels define the priority of event information that is sent to the server. For more details about priorities look in [I/O settings section](#).

*Generate event* allows to choose when record will be generated.

*Eventual records* controls where scenario status value appears: when disabled it will exist in each AVL record and when enabled the value will be appended only to eventual records.

*OverSpeeding* helps to configure OverSpeeding scenarios separately for each different *Geozone*. Regular OverSpeeding and geozones' OverSpeeding function independently. If digital output control is enabled in a regular OverSpeeding scenario, geozones OverSpeeding scenario will control it too i.e when the device is in more than one geozone and OverSpeeding is detected in any zone then the digital output turns on. Digital output turns off only when OverSpeeding is not detected anywhere.

*X1* is used to set geofence zone left bottom corner X coordinate (longitude) whereas *Y1* is used to set Y coordinate (latitude).

*X2* or *R* are used to set accordingly geofence zone upper right corner X coordinate (longitude) when Rectangular zone is used or circle radius when Circular zone is used. *Y2* sets geofence zone upper right corner Y coordinate (latitude) for a Rectangular zone.



Load from file

Save to file

Device not connected  
Device type: FM8125  
Configuration: 1.1.0

- Security
- System
- GPRS
- Data Acquisition
- SMS \ Call Settings
- GSM Operators
- Features
- Accelerometer Features
- Auto Geofence
- Manual Geofence
- Trip \ Odometer
- Bluetooth
- Bluetooth 4.0
- Beacon List
- 1-Wire
- I/O
- OBD II
- CAN Adapter
- RS232 \ RS485

Manual geofence selection

1 geozone

Manual geofence 1

Feature	Disable	Low Priority
	High Priority	Panic Priority

Generate Event	No Event	On Exit
	On Entrance	On Both

Eventual Records	Disable	Enable
------------------	---------	--------

Frame Border (m) 1

Shape Type

Radius (m) 5

Latitude (Y1) 0,0

Longitude (X1) 0,0

Overspeeding	Disable	Enable
--------------	---------	--------

Max Allowed Speed (km/h) 90

Send SMS To

SMS Text Geozone Zone 1

