

# FMC230 Manual Geofence settings

[FMC230 Configuration](#) > **FMC230 Manual Geofence settings**



FMC230 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

Circle

Rectangle

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

