

# TFT100 Manual Geofence settings

[Main Page](#) > [E-Mobility Trackers](#) > [TFT100](#) > [TFT100 Configuration](#) > **TFT100 Manual Geofence settings**



## Contents

- [1 Manual Geofence Settings](#)
  - [1.1 Manual Geofence Selection](#)
  - [1.2 Manual Geofence Settings](#)
- [2 Manual Geofence Map](#)

## Manual Geofence Settings

### Manual Geofence Selection

Manual geofence selection

TFT100 can have up to 50 configurable Geofence zones. As well Geozones can generate an event when a defined zone border is crossed.

### Manual Geofence Settings

**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

Shape Type

|        |           |
|--------|-----------|
| Circle | Rectangle |
|--------|-----------|

Latitude (Y1)

Longitude (X1)

Latitude (Y2)

Longitude (X2)

Overspeeding

|         |        |
|---------|--------|
| Disable | Enable |
|---------|--------|

Max Allowed Speed (km/h)

Send SMS To

SMS Text

- **Feature** - The 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 [here](#).
- **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.
- **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 type** - it is possible to have a **rectangle** or a **circle** as it is defined by the user.
- **Radius** - is used to set circle radius in meters when Circular zone is used.
- **Latitude Y1** - is used to set Y coordinate (latitude).
- **Longitude X1** - is used to set geofence zone left bottom corner X coordinate (longitude).
- **Latitude Y2** - is used to set geofence zone upper right corner Y coordinate (latitude) for a Rectangular zone.
- **Longitude X2** - is 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.
- **Over Speeding** - helps to configure Over Speeding scenarios separately for each different *Geozone*. 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.

**Note!** Regular OverSpeeding and geozones' OverSpeeding function independently.

- **Max Allowed Speed** - Max allowed speed in the geozone.

## Manual Geofence Map

Coordinates for the *Geozone* can be described not only with coordinate system but by *drag & drop* principle on the map in each selected geozone.

**Note!** Only one figure can be set on one geozone.

