



# eFlash

## Multi-Functional Driver Alert Solution

**eFlash** is an advanced Multi-Functional tool allowing both driver visual alerts and KeyPad functions at the same time. **eFlash** can be used for Driver's visual/audial alert solution for events such as Dangerous Maneuver and Driver Behavior, Vehicle Diagnostic alarms or as a Vehicle Proximity alert solution, storing different locations in order to alert the driver when approaching them. If used as an Add-On to ERM StarLink telematics solution, all **eFlash** events can be transmitted in real-time to the server for additional analysis and reporting purposes.

**eFlash** can also act as Driver Reporting or Alerting enabler, for example, offering Panic Button or Road Side assistance keys.

**eFlash** icon set can be customized per demand, and its keys can be configured for specific purposes and multiple activities such as:

- Input Key: ID, Panic, Situation Report
- Visual Driver Alert: Multi-Color LED alert with Icon.
- Audial Driver Alert: Buzzer can be pre-configured in which events to buzz

## FEATURES

- 1 6 configurable multi-function keys/LED
- 2 Configurable buzzer to alert based on multiple events
- 3 Internal memory for 500 locations
- 4 Replaceable silicone icon set
- 5 Event origin is based on wide variety of ERM products



**SF** This variant would come as an addition to ERM Safety technology for Driving Behavior analysis solution. **eFlash SF** will act as a warning panel for any

violation of safety maneuvers presenting both violation and its severity by LED/Icon set and Buzz sound. SOS, Road Side assistance and General Alarm keys are available

## APPLICATIONS

### Driver Behavior Alert Panel



#### Default available functions in eFlash SF:

1. **Acceleration Alert** - Alerts the driver when he/she performs aggressive or dangerous acceleration
2. **Braking Alert** - Alerts the driver in cases of harsh braking.
3. **Turn Alert** - Alerts the driver when he/she performs an aggressive or dangerous turn.
4. **Roadside Assistance** - This button will alert the service center that the driver requires road-side assistance.
5. **Panic Button** - In a distress situation, this button will send an SOS alert to a predefined service center.
6. **eFlash notification** - This is a customizable key, that can be used to alert proximity to any predefined location, such as:
  - Radar/speed camera alerts
  - Geo Zones (radius) in/out alerts
  - Over speeding violations
  - Dangerous road points
  - Other Points Of Interest

The operator of the system can define in advance actions for which visual warnings using LED colors and icons can be given

### Approaching Alert

Logistics / Point of Interest / Road Hazards Alert

**eFlash** support management of locations, which can be uploaded by the user (for example: Speed Cameras, Dangerous Junctions, Speed Bumps, Customer's addresses, Working Sites locations, Suppliers locations etc..).

**eFlash** will generate both sound and visual alerts to the driver, when approaching, entering, or exiting any of the predefined locations. If a **StarLink** device is used, the events will be also transmitted to the server for logging and report generation purposes.

## TECHNICAL SPECIFICATIONS

Power	12/24v operation
Memory	Up to 500 predefined locations supported Lat/Long, Heading, Speed
Ports	eNet, to interface with ERM StarLink products
FOTA	Firmware update, parameters update, upload locations
Configuration	Alert settings, LED colors, Buzzing frequency