

Driving Safety & Analytics Solution

Smart Vehicle

Driving Safety & Analytics Solution analyzes driving behaviors, generates real-time alerts and provides important metrics to drivers and fleet operators, which significantly improves driving safety and reduces operation costs such as fuel, maintenance and insurance.



Benefits

- Enable fleet operators to set up quantitative KPIs for driver performance review, enhancing fleet performance and safety
- Reduce potential traffic accidents, thus reducing maintenance and insurance costs
- Reduce accident rate, thus minimizing needs for repair and improving vehicle uptime for operation
- Fuel saving after driving behavior improvement*

Features

- 5 road safety detection features:
 - Headway Warning
 - Forward Collision Warning
 - Lane Departure Warning
 - Pedestrian and Cyclist Collision Warning
 - Traffic Sign Recognition
- Automatic video capture based on the 5 road safety detection features for evidence and analysis
- Cloud dashboard with big data analytics for fleet managers to review driving performance of individual drivers, helping fleet managers set up quantitative KPIs for driver improvement

*Report from Jockey Club Heavy Vehicle Emissions Testing and Research Centre in 2017



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Technical Specifications

4S Smart Box



Input Voltage	9-36VDC
Operating Temperature	-20°C to 70°C
Storage Temperature	40°C to 85°C
Humidity	0% to 95 %
Dimensions	94.5 X 61.4 X 15mm

Mobileye 560



Image Processor	EyeQ2® Vision Processor
Array Format	Total: 752 (H) X 480 (V) Active Pixels: 640 (H) X 480 (V)
Angle of View	38°
Input Voltage	12-28 VDC
Operating Temperature	-20°C to 85°C
Storage Temperature	-40°C to 105°C
Dimensions	122 X 79 X 43 mm


5 Road Safety Detection Features

Headway Warning	Alert drivers when vehicles are getting too close to the front vehicles
Lane Departure Warning	Alert drivers when vehicles are departing from the driving lane without using the signal light
Forward Collision Warning	Alert drivers when vehicles are approaching slow traffic
Pedestrian and Cyclist Collision Warning	Alert drivers when pedestrians or cyclists are detected at the front of a short distance
Traffic Sign Recognition	Recognize speed sign and alert drivers when speeding


Why 3Business



Robust Network




Comprehensive Roaming Package



Dedicated Project Manager



One-stop-shop



Tailor-made Service



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