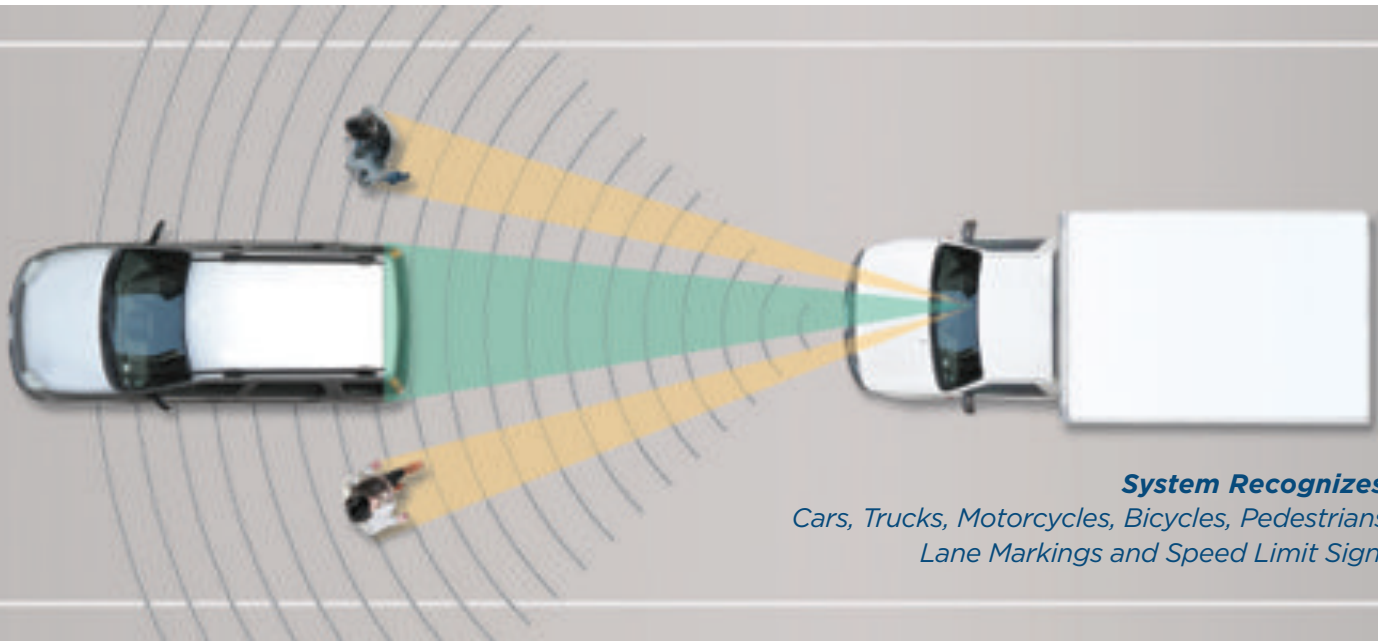


# Collision Avoidance System

*Protecting Your Fleet and Your Bottom Line*





# Reduce Accidents, Save Money and Keep Your Drivers Safe



*Easily installs in any vehicle*

The Mobileye® Collision Avoidance System is the latest technological advancement for preventing vehicle crashes — and the only system in the industry to incorporate truly comprehensive real-time warnings and alerts. Utilizing an intelligent vision sensor that works like a bionic eye, the system identifies a diverse and extensive variety of potential threats on the road, such as vehicles, cyclists, pedestrians and more. The distance and relative speeds of these objects are continuously measured to calculate the risk of your driver colliding with them. Even lane markings and traffic signs are detected. When danger is imminent, visual and audible alerts warn the driver to make necessary corrections in sufficient time to avoid potential collisions or mitigate their severity.

Fleet managers have installed our trusted collision avoidance system in some of the world's best-run fleets including cars, trucks, service vehicles and taxis, in both rural and urban environments. Many global organizations have experienced significant reductions in incidents, collisions and associated costs. Your fleet can accomplish the same.

***Telematics Integration:*** *The system generates data that can be exported to 3rd party telematics and fleet management systems, enabling enhanced visibility of your fleet as well as greater insight into driver behavior. All alerts are available via the Mobileye CAN channel for telematics and 3rd party integrators.*



**Connectivity with Telematics**

*Gives fleet managers critical insight into driving behavior.*



**Accident Reduction**

*A pilot involving 2,000 trucks driving 47 million miles resulted in zero accidents vs. the average of 11-13 accidents.*



**Cost Reduction**

*C.R. England has achieved a 37% reduction in crash costs per mile traveled.*

## Minimize Risk, Increase Safety and Improve Your Bottom Line

Fleet operations of all sizes experience tangible and measurable advantages as a result of deploying this advanced technology, including:

- Immediate reduction in collisions and close calls
- Improvements in driver behavior that continue long term
- Reduced insurance premiums and fines for non-compliance
- Lower fuel and maintenance costs
- Improved CSA scores

*...and the system typically pays for itself in only 12 months or less\* – with no driver training necessary.*

## Collision Avoidance Technology Addresses the Main Causes of Accidents

**According to the National Highway Transportation and Safety Administration (NHTSA), Department of Transportation (DOT) and the Virginia Tech Transportation Institute:**

- 93% of all accidents are due to human error, with driver inattention being the primary cause
- Nearly 74% of all accidents involve driver distraction three seconds prior to an incident
- 40% of rear-end collisions have no brake application whatsoever
- 60% of road accident fatalities are due to unintentional lane departure

## Governing and Regulating Agencies Agree



- **The Federal Motor Carrier Safety Administration (FMCSA)**  
Advocates the voluntary adoption of collision avoidance systems to improve fleet safety
- **The National Transportation and Safety Board (NTSB)**  
Includes collision avoidance systems on Most Wanted/Top Ten Advocacy List
- **The National Highway Traffic Safety Administration (NHTSA)**  
Tracks collision avoidance systems as part of their 5-star safety ratings program

\*According to FMCSA studies

# System Warnings and Features



## Forward Collision Warning

Alerts the driver to an imminent rear-end collision with a car, truck or motorcycle moving at any speed



## Headway Monitoring/Following Time

Alerts the driver when following time becomes critically short



## Lane Departure Warning

Alerts the driver if vehicle leaves the lane without use of the turn signals



## Pedestrian and Bicycle Collision Warning

Alerts the driver of an imminent collision with a pedestrian or bicyclist



## Intelligent High-Beam Control

Automatically turns the high-beams on/off depending upon the level of light and relative distance from other traffic



## Speed Limit Indicator

Notifies the driver if the vehicle exceeds the posted speed limit



Bluetooth® connectivity standard

## Optional Enhancement Features

The following optional features can be incorporated to further reduce accidents:

- Automatically muting the car radio
- Instantly deactivating factory cruise control
- Adding any function for a 3rd party device that has a discrete input
- Integrating with older vehicles
- Incorporating haptic warnings that provide tactile alerts; for example, a driver's seat or steering wheel can be outfitted with a vibrator that can be set to various strengths, frequencies and patterns



## TECHNOLOGY FOR A SAFER WORLD

Mobileye® is the technological leader in the area of advanced image sensing and processing technology for automotive applications. With over a decade invested in extensive R&D, Mobileye has gained an unprecedented understanding of the diverse challenges that face drivers on the road and how to keep them safe. This unequalled expertise has made Mobileye the recognized global pioneer in collision avoidance systems. As evidence, Mobileye is the OEM (Original Equipment Manufacturer) supplier of such systems to many of the world's leading automobile manufacturers.

### SOME OF THE BRANDS USING MOBILEYE SYSTEMS

