



Mobileye® 8 Connect Driven by Safety

Act to Prevent Collisions

94% of road collisions are caused by human error. The best approach to fleet safety is to avoid collisions rather than reviewing them after the fact. Mobileye 8 Connect not only provides this proactive solution, but helps educate drivers to avoid dangerous situations in the first place.

Fleet Safety with Real-time Alerts

Mobileye's collision avoidance system warns drivers of potential hazards in real time with audio and/or visual warnings, giving them time to prevent or mitigate a collision.



DAY AND NIGHT DETECTION

Mobileye 8 Connect can detect pedestrians and cyclists at night.

How Does it Work?



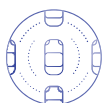
VISION-BASED

Just like when we drive, using our vision to scan the road and judge how far we are from obstacles and what potential dangers they pose- a camera can also scan the way ahead with the advantage of never becoming fatigued or distracted.



AI-POWERED

The key element in our system is in the ability to mimic how people understand the roadscape. Through the use of artificial intelligence, Mobileye's EyeQ chip is able to identify potential hazards and alert drivers in real-time.



EXPERIENCE YOU CAN TRUST

The system's AI is based on two decades of stress testing our algorithms against real-life driving situations and over 200 million miles of high-resolution video from automaker pre-production testing.

Mobileye® 8 Reference Guide



Take a quick tour
of the Mobileye®
features

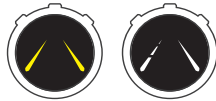
This vehicle has been equipped with a collision avoidance system.

SAFETY FEATURE



Forward Collision Warning
(FCW) and Urban Forward
Collision Warning (UFCW)

- Warns when there is an imminent collision with the vehicle ahead.
- Red vehicle icon warns of an imminent rear-end collision, up to 3.0 seconds beforehand.
- Over 19 MPH, FCW alerts with a series of beeps. Under 19 MPH, UFCW alerts with a double beep, acting as a "virtual bumper."



Lane Departure Warning (LDW)

- Warns when the vehicle departs from driving lane without a turn signal.
 - Yellow lane icon appears when LDW is not available; white lane icon appears when LDW is available (according to the speed of the vehicle).
 - Displays both lane markings at all times.
 - Dashed lane marking indicates the side of departure, right or left.
 - Active above 34 MPH.
- Note: speed threshold could be higher depending upon settings.*



Headway Monitoring
& Warning (HMW)

- Warns if the distance from the vehicle ahead becomes unsafe.
- Displays the distance, in seconds, to the vehicle ahead when it reaches 2.5 seconds or less.
- There are three sensitivity levels that can be configured ,near. (0.6 seconds), 'medium' (1.2 seconds) and 'far' (2.5 seconds).
- Green vehicle icon signifies safe headway; red vehicle icon signifies unsafe headway.
- Active above 19 MPH.



Pedestrian & Cyclist
Collision Warning (PCW)

- Warns when there is an imminent collision with a pedestrian or cyclist.
- Red pedestrian icon warns of an imminent collision with a pedestrian or cyclist.
- Green pedestrian icon notifies if a pedestrian is in the vehicle's path.
- Active under 31 MPH.



Speed Limit Indicator (SLI)

- Notifies of the new speed limit via speed sign icon.
- Notifies when the driver exceeds the speed limit via a visual indicator.



Low Visibility Indicator

- Notifies of low visibility conditions.
- Yellow eye icon warns of conditions which may limit the system's detection capabilities (i.e. bad weather, direct sunlight, dirt on windshield.)

