Mobileye™ 8 Connect
Driven by Safety

AI-powered, aftermarket collision avoidance system
that helps prevent collisions and improve driver performance

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.

PEDESTRIAN & CYCLIST COLLISION WARNING (PCW)
Alerts of an imminent collision with a pedestrian or cyclist

HEADWAY/ FOLLOWING TIME MONITORING & WARNING (HMW)
Monitors the distance from the vehicle ahead and alerts when the distance becomes unsafe

FORWARD COLLISION WARNING (FCW)
Alerts the driver of an imminent rear-end collision with a vehicle in front

LANE DEPARTURE WARNING* (LDW)
Alerts of unsignaled deviation from the driving lane

SPEED LIMIT INDICATOR (SLI)**
Notifies the driver whenever the vehicle exceeds the most recently detected posted speed limit

DAY AND NIGHT DETECTION

Mobileye 8 Connect™ can detect pedestrians and cyclists at night***.

*   Meets NHTSA's guidelines

**   Detects signs declared valid by the Vienna Convention on Road Signs and Signals.

*** Night detection requires a minimal amount of light and does not operate in complete darkness.

The EyeWatch™ display for visual alerts.

The main unit containing the camera, EyeQ® chip, SIM card, modem, gyro, g-sensor and speaker for audio alerts.

The GPS unit.

Over-the-air updates

Mobileye is continuously developing new features and improving its alerts and algorithms. Over-the-air updates ensure your fleet benefits from new features, future-proofing your technology purchase.

Note: All pictures shown are for illustration purpose only and not to scale.

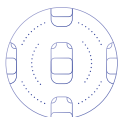# How Does It Work?

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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.
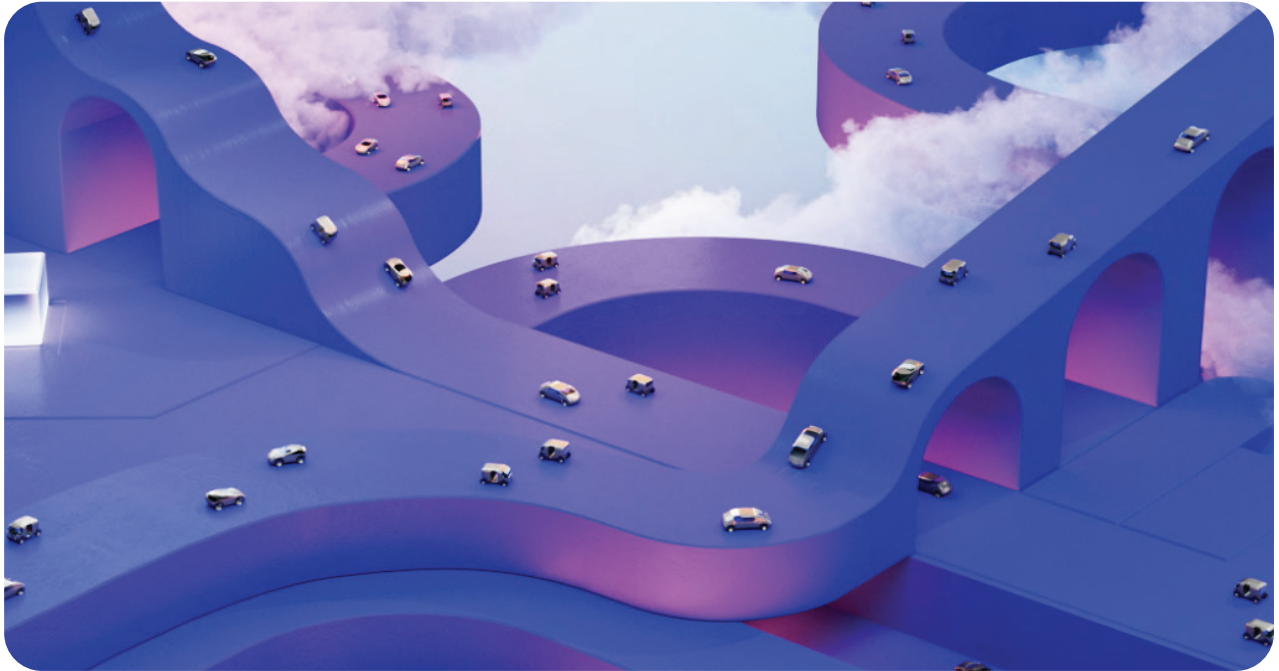
EXPERIENCE YOU CAN TRUST

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.

About Mobileye

Mobileye is a global leader in the development of computer vision and machine learning, data analysis, localisation and mapping technologies for Advanced Driver Assistance Systems and autonomous driving solutions.

Our safety technology is integrated into hundreds of new car models from the world's major automakers: BMW, Audi, Volkswagen, Nissan, Ford, Honda, General Motors and more.

The Mobileye collision avoidance system is available with a single, forward-facing vision sensor suitable for almost any vehicle.