



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 train 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

Alerts drivers of an imminent collision with a pedestrian or cyclist, up to 2 seconds before a collision.



HEADWAY MONITORING & WARNING

Helps drivers keep a safe following distance from the vehicle ahead and alerts them if the distance becomes unsafe.



FORWARD COLLISION WARNING

Alerts drivers of an imminent collision with a vehicle or motorcycle ahead, both on highways and in urban areas.



LANE DEPARTURE WARNING*

Alerts drivers when there is an unintentional deviation from the driving lane.



SPEED LIMIT INDICATOR**

Recognizes certain traffic signs and speed limit signs, and notifies the driver, both of the new speed limit and if they exceed it.

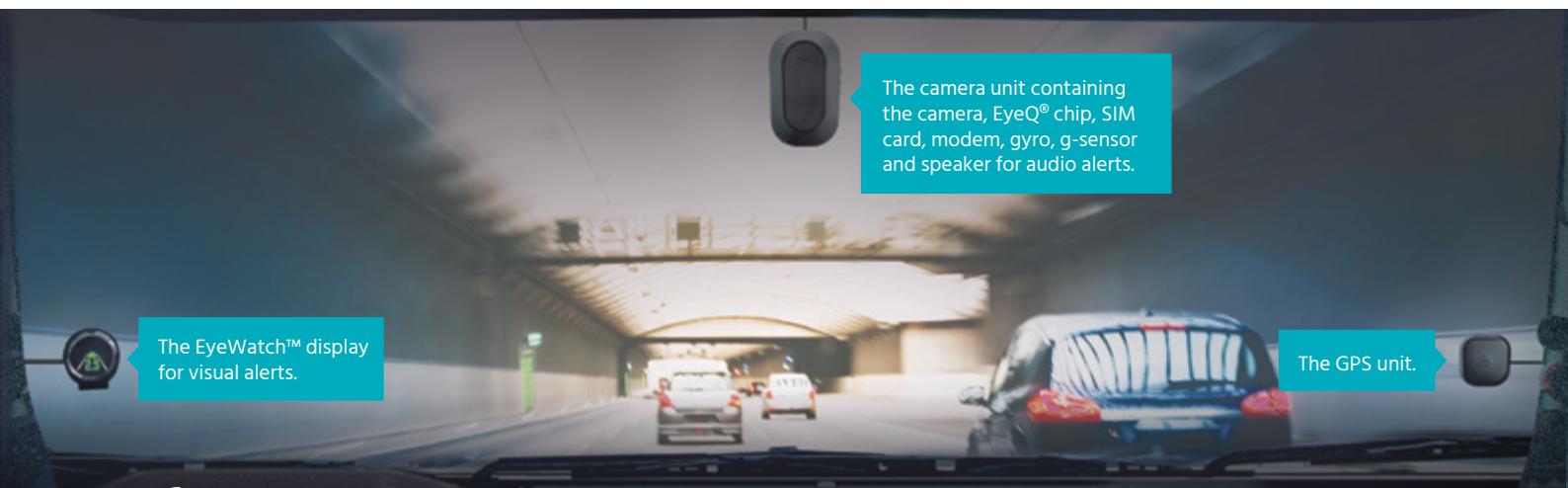


Mobileye 8 Connect can detect pedestrians and cyclists at night!

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

*complies with EU regulation (351/2012)

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



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

The EyeWatch™ display for visual 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.

Measuring the Safety Impact

Mobileye 8 Connect™ is a unique system that combines collision avoidance alerts with g-sensor data to provide a powerful picture of how your fleet safety is improving.

The Driving Metrics You Need to Make Managing Simpler

Our platform gives fleet managers concrete insights into drivers' safety-related behavior, vehicle tracking, and compliance, so you can give your drivers the support they need.



Safety

With alert data metrics you'll have greater insight into drivers' progress on unsafe habits such as tailgating, near misses, harsh braking and lane changes without signaling



Tracking

With track-and-trace features, you can ensure our vehicles stay on route and conduct step-by-step analysis to determine route efficiency and safety



Coaching

Our safety reports make it easy to identify which drivers could benefit from extra training and which might be rewarded for safe driving



Compliance

Geo-fencing allows you to set pre-defined boundaries for drivers, ensuring that your vehicles stay within a prescribed area

”Our management team now have peace of mind that our drivers are safer on the roads and less likely to be involved in accidents.”

Andrew Wright

Managing Director at Universal Tyre & Autocentres



tyres.co.uk

The Mobileye Difference

For over two decades we've been working on, and perfecting, the computer vision and artificial intelligence underlying our collision avoidance system.

In 2017 Intel recognized the groundbreaking nature of this technology when it acquired Mobileye and in 2019 the European Patent Office named the Mobileye team one of the finalists for its prestigious European Inventor Award.

Over 25 leading auto manufacturers rely on Mobileye technology and there are currently over 40 million vehicles equipped with our collision avoidance technology.

The same team that designed the technology trusted by these manufacturers also developed our retrofit collision avoidance.



Next generation collision avoidance

Mobileye 8 Connect features represent our latest generation in collision avoidance technology - these include cloud connectivity, an optional fleet platform, greater range, 10x improvement in accuracy, a wider-angle camera lens and a g-sensor to detect harsh braking, accelerating and cornering.



Safer fleets save money

Join others such as Universal Tyre & Autocentres, which lowered average insurance claims by 50%, Ambu-Trans Ambulette, which experienced a 91% reduction in collision-related costs and P&B Transport, which saw insurance claims from collisions drop from \$800,000 to \$20,000 – all after installing Mobileye.¹



On-the-job training

Mobileye 8 Connect alerts don't just help drivers avoid collisions. Evidence shows these alerts actually help train them to avoid hazardous situations. A University of Missouri study² documented a 71% drop in headway monitoring warnings among drivers using collision avoidance technology.

1. Statistics refer to collisions which Mobileye alerts can prevent or mitigate.

2. <https://www.mem-ins.com/blog/recent-study-shows-three-out-of-four-drivers-improve-driving-with-collision-avoidance-technology>

How Does It Work?

1 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.

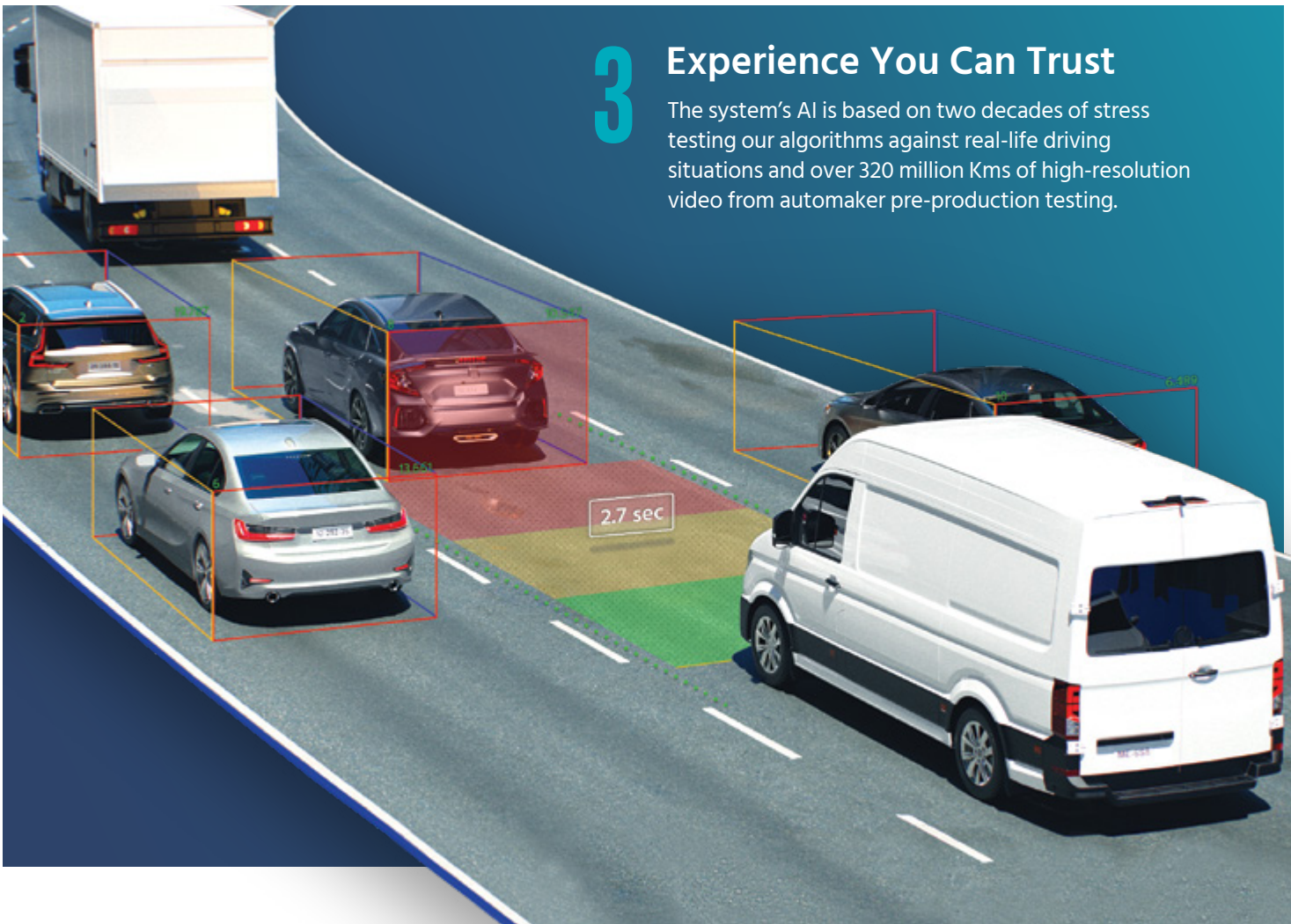


2 AI-Powered

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.

3 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 320 million Kms of high-resolution video from automaker pre-production testing.



About Mobileye



Mobileye, an Intel Company, is a global leader in the development of computer vision and machine learning, data analysis, localization, 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.

www.mobileye.com/fleets



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