

AIS

Intelligent driver support for safer roads

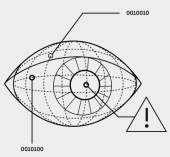
AIS is Smart Eye's award-winning driver support system, designed for smooth original or aftermarket installation in any truck, bus, or passenger car.

An AI-powered, all-in-one solution that detects driver distraction and drowsiness – AIS reduces accidents, protects fleets, and gets drivers home safely.



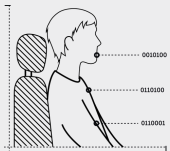
Paving the Way to Safer Driving

AIS uses AI to detect early signs of driver drowsiness and distraction, safeguarding drivers, passengers, and road users.



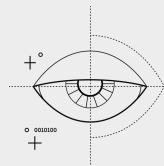
Drowsiness

Alerts when fatigue or drowsiness is detected.



Dangerous Behavior

Detects distractions like eating, drinking, smoking or mobile phone use.



Distraction

Makes sure that focus stays on the road with gaze and head pose tracking.



High-Accuracy Recognition

Recognizes all kinds of faces, including those wearing a face mask and sunglasses.

■ AIS for OEMs

For vehicle manufacturers, AIS provides an off-the-shelf, cost-effective solution for seamlessly installing advanced driver monitoring technology.

Compliant with GSR standards, AIS includes both the software and hardware architecture required for a DMS. This enables OEMs to swiftly integrate state-of-the-art safety technology without compromising on quality.

■ AIS for Fleets

Distraction and fatigue are the two main causes of preventable fleet crashes.

Designed with privacy in mind, AIS offers a unique option to never record or store footage, ensuring user privacy while delivering real-time insights. The system also integrates seamlessly with existing fleet management platforms, including Geotab, making it adaptable for diverse operational needs.

Technical Specifications

AIS's camera-based system is plug-and-play, allowing for fast and easy installation.

- 9-36 V Input Voltage
- 0.6 A (12.5V) Power Consumption
- 0.1 mA Standby Current
- Output/input: CAN, BLE (optional)
- AIS 12 Camera size: 131*23*63 mm
- 512 MB Memory
- Operating Temperature: -40 to +85 degrees Celsius
- Storage Temperature: +125 degrees Celsius
- 2 Mpxl Image Sensor



Built on 25 Years of Automotive Experience

AIS uses the same AI algorithms as Smart Eye's world-leading driver monitoring system software, already implemented in more than 2,000,000 cars on the road.

Experience AIS at CES 2025

Customizable Real-Time Alerts for Improved Safety and HMI

Smart Eye's CES 2025 demo demonstrates AIS's distraction detection, and how the system issues real-time notifications through visual, auditory, and a new vibration alert.

By offering several different signal options, AIS lets manufacturers customize their systems to ensure optimal efficiency and Human-Machine Interaction (HMI).

Seamless Integration with Geotab's Fleet Management System

Our CES 2025 demo also highlights how AIS delivers actionable insights when integrated with Geotab's fleet management system.

This demo will feature a real-time map tracking an AIS-equipped fleet through the streets of Smart Eye's hometown, Gothenburg, Sweden, monitoring distraction and fatigue events as they occur.

Advanced Gaze Tracking Ensures ADDW Regulation Compliance

This demo shows how AIS supports OEMs in meeting the EU's ADDW (Advanced Driver Distraction Warning) system mandate, required for all new vehicles in Europe by 2026.

AIS uses advanced gaze tracking to detect visual distraction. Through an interactive driving scenario, visitors can see how AIS identifies driver inattention, ensuring vehicles meet regulatory requirements.