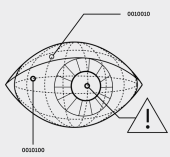# AIS
Intelligent Driver Support for Safer Roads

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

Designed for fast, reliable integration in any vehicle, AIS detects distraction, fatigue, and alcohol impairment in real time — reducing incidents and supporting safer driving.
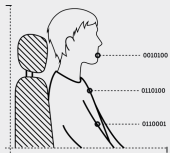
Paving the Way to Safer Driving

AIS uses AI to detect early signs of driver inattention, fatigue, impaired behavior, and unsafe actions, safeguarding drivers, passengers, and road users.
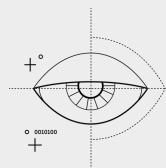
Distraction & Fatigue
Alerts when distraction or fatigue is detected. Makes sure that focus stays on the road.

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

Alcohol Impairment
Identifies behavioral patterns associated with intoxication and issues real-time alerts.

High-Accuracy Recognition
Recognizes all kinds of faces, including those wearing a face mask and sunglasses.

AIS for OEMs

AIS provides an off-the-shelf, cost-efficient driver monitoring system designed for seamless installation.

Compliant with GSR standards and built on Smart Eye's proven automotive AI, AIS offers reliable distraction, fatigue, and impairment detection in a compact, ready-to-integrate package. Its efficient hardware architecture allows fast adaptation across vehicle platforms without compromising performance.

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. Cloud connectivity allows fleet managers to review events, identify patterns, and support safer driving across their teams. The system also integrates seamlessly with existing fleet management platforms, including Geotab.

smart eye

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)

- 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 3,000,000 cars on the road.

Experience AIS at CES 2026

Real-Time Alcohol Impairment Detection

In this year's demo, visitors can experience how AIS detects behavioral signs of alcohol impairment, instantly and without any breath sensors or extra hardware.

Cloud Connectivity for Fleet Insights

This year's demo includes optional cloud services. See how fleet managers can review distraction events, identify trends, and support ongoing driver improvement.

Built for Smooth and Fast OEM Integration

See how AIS's architecture, compact hardware, and automotive-grade algorithms make it easy for OEMs to add robust driver monitoring with minimal engineering effort.

Built for 2026 ADDW Compliance

AIS includes the core capabilities automakers need to meet Europe's Advanced Driver Distraction Warning (ADDW) mandate taking effect in July 2026. The system is designed to integrate quickly, helping OEMs stay ahead of regulatory timelines.