# AIS

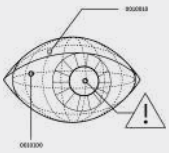
## End-to-End Driver Monitoring for Fleet and Aftermarket

Driver Monitoring Systems (DMS) have become an increasingly important safety feature in newer passenger cars. But the need for technology that monitors the driver's state and behavior is just as great in trucks, buses and in the millions of cars already on the road.

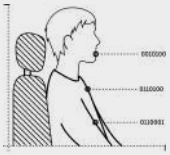
AIS is Smart Eye's end-to-end Driver Monitoring System for fleet and aftermarket. Using our proven, automotive-grade DMS software that has already been implemented in more than 1,000,000 cars on the road.

## Paving the Way to Safer Driving

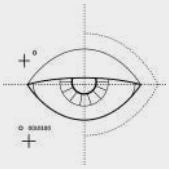
AI-powered software detects early signs of drowsiness or distraction to prevent dangerous situations. Helping protect drivers, passengers, pedestrians, and other road-users. With superior performance and intelligent features, AIS is developed to make every trip a safer journey.



**Drowsiness**
Alerts when sleepiness, drowsiness or yawning 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 tracking.

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

## Built on 20 Years of Automotive Experience

Designed to meet the high quality demands of the automotive industry, AIS unites our world-leading computer vision and AI algorithms with qualified automotive hardware. The result is a complete plug-and-play DMS that doesn't leave anything to chance.

## Technical Specifications

AIS combines high intelligence with great flexibility. The system is plug-and-play, making it easy to install and very cost-effective. It's also scalable and developed with several different output options for alarming the driver. AIS is easily upgraded and integrated with other systems and can be connected to a vehicle CAN bus for HMI integration. In the corresponding app you can easily adjust the functions of your AIS.

- 9-36 V Input Voltage
- 0.6 A (12.5V) Power Consumption
- 0.1 mA Standby Current
- Output/input: CAN, BLE (optional), video (incident triggered and re-scaled)
- AIS 12 Camera size: 131*23*63 mm
- 512 MB Memory
- Operating Temperature: -40 to +85 degrees
- Storage Temperature: +125 degrees
- 1 or 2 Mpxl Image Sensor
- FPD Link III Camera Connectivity
- Power Over Coax Camera Power

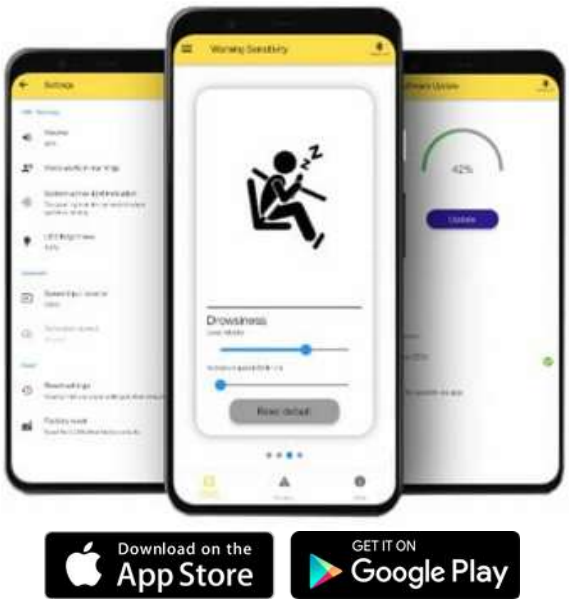
## Up and Running in Less Than 5 Minutes

Thanks to AIS's intelligent dynamic self-calibration method, the system can be ready to use in a matter of minutes. As soon as the system is installed in your vehicle it automatically calibrates the camera, requiring no effort from the user.

### The AIS App
### Support and Customization in Your Pocket

The Smart Eye AIS app can be installed on IOS and Android devices and connects to the AIS system via Bluetooth. It supports installation, giving you instant feedback on the placement of the camera in your vehicle, as well as firmware updates.

To give you the best user experience possible, the AIS app also helps customize system settings such as warning sensitivity levels, volume, and warning activation speed for detecting distraction, drowsiness, microsleep and driver presence.




smart eye

**Come pave the way of road safety with us!**

**Contact Us:** smarteye.ai/aftermarket