

Driver Status Monitoring System

LEA EYE is a Driver Status Monitoring System equipped with a 1080p camera to capture driver's face and establishes driver's condition based on visual analysis.

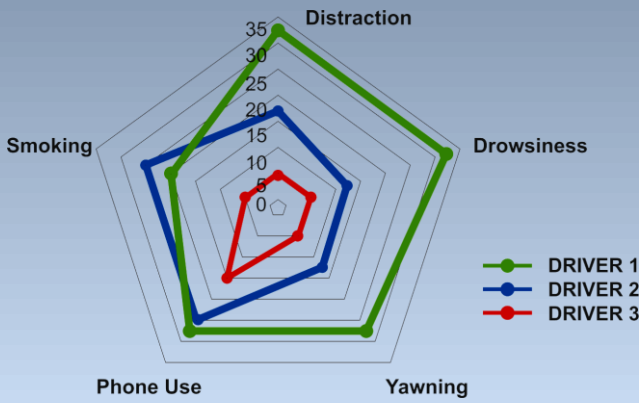
Plug & Play for All Vehicle Types

LEA EYE is "Plug & Play" and supports majority of vehicle types: passenger car, van, truck, bus, heavy duty vehicles.



Real-Time Driver Data Analysis

With real-time monitoring and live data transmission, LEA EYE allows fleet owners to have better understanding on behind the wheel situation. Fleet owners can conduct deep analysis and make informed decisions.



Hardware Specifications

CPU	Coretex A7 Quad Core
Detection Range	Max. 1.1m
Video Format	H.264 (1080p)
Power	DC 12 or 24V (Max. 36V)
Size	80mm x 29mm x 28mm (depth)
Input	Micro 5PIN USB Port Micro SD Card Slot (Max. 128G)
Connectivity	Vehicle CAN communication GPIO, RS-232, CVBS Video Out, Ethernet
Audio	Built in Speaker
Operating Temp.	-20°C ~ 70°C (-4°F ~ 158°F)
Storage Temp.	-40°C ~ 85°C (-40°F ~ 185°F)

Features

- Drowsiness**
 Notifies the driver when he/she closes eyes for certain period of time (1.5 to 3.5 seconds).
- Yawning**
 Notifies the driver when he/she yawns for 3 seconds twice within a minute of time.
- Distraction**
 Notifies the driver when he/she looks greater than the given range (25 to 35 degrees).
- Smoking**
 Notifies the driver when he/she smokes for a certain period of time (2 to 4 seconds).
- Phone Use**
 Notifies the driver when he/she talks over the phone for certain period of time (2 to 4 seconds).
- Driver ID**
 Stores maximum of 20 driver ID profiles and identifies which driver is on-board.

*All specifications are subject to change without prior notice.