



CIPIA-FS10

VIDEO TELEMATICS DRIVER MONITORING SOLUTION FOR FLEETS

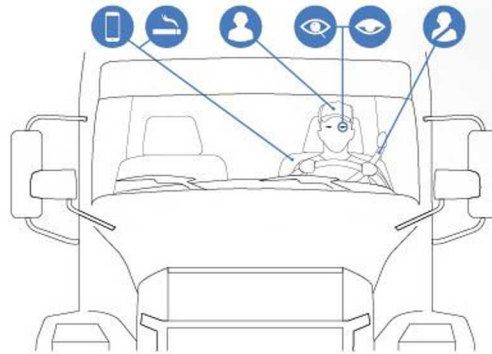
Cipia-FS10 is a driver monitoring device designed for fleets. The device detects driver drowsiness, distraction, identity and dangerous actions, providing real time driver alerts, as well as tailored fleet manager alerts and insights via your fleet management server.

The underlying technology is based on Cipia's proprietary driver monitoring software which was selected by carmakers (OEMs) worldwide for integration into their vehicle, thanks to the solution's high quality, robustness and compliance with the demanding automotive standards.



Detecting:

- Drowsiness
- Distraction
- Driver ID
- Holding phone
- Smoking
- Seatbelt
- Camera status



Providing the Fleet Management System:

- Real-time driver alerts
- Fleet manager alerts
- Tamper proof
- High-level FMS driver ID
- Workforce management enhancement
- Driver scoring information
- DMS based driver supervision

DMS data analysis:

Fleet level analysis:

- Shift management support
- HOS fine-tuning
- Location based analysis – route planning support

Driver information:

- Event count
- Driver personal drowsiness profiling
- Driver scoring
- Post event driver behavior analysis
- Driver training and support

ADVANCED FLEET MANAGEMENT OFFERING

The detection of driver status, actions, driver ID and camera status enable life-saving and cost-saving features to the fleet and its drivers. In addition to the real-time alerts, further unique features were designed to serve fleets' needs, and include: camera tamper proofing, high-level FMS driver ID, workforce management enhancement, driver scoring information, and real-time transfer of data to the customer's fleet management server using dedicated cloud middleware. The device is equipped with self-monitoring capabilities to detect tampering and other malfunctions which may have an adverse effect on its operation.

POWERED BY CUTTING EDGE AI

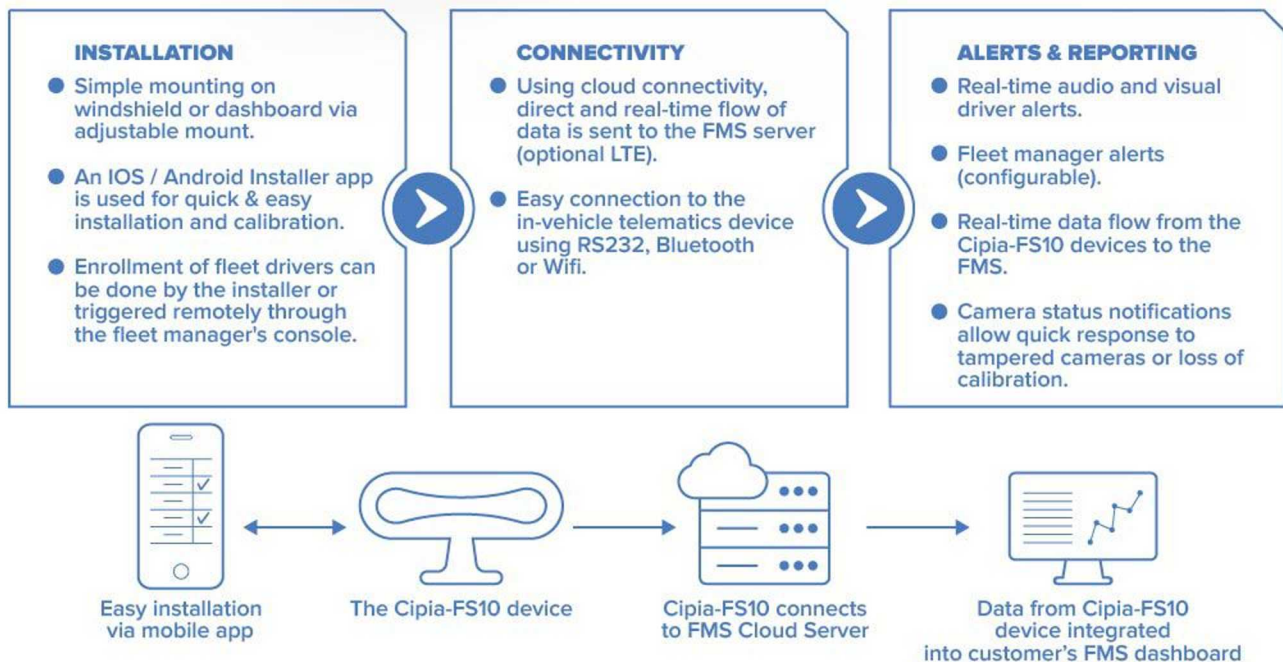
Cipia is a leader in computer vision AI, focusing on in-cabin sensing solutions for the automotive industry. Cipia-FS10 employs proprietary computer vision algorithms, which track the driver's head position, eyelids, and gaze direction to provide real-time assessment of the driver's drowsiness and distraction levels. Additional algorithms detect smoking, holding a phone, wearing a seatbelt and facemask in order to support fleet compliance. Facial recognition supports driver identity verification.

THE DEVICE



EASY INSTALLATION & INTEGRATION

Cipia-FS10 provides easy and quick installation through a friendly installer app, and facilitates the data flow from the device to your fleet management server through cloud middleware.



HIGHLIGHTS

ROBUSTNESS

The underlying technology is designed to meet the safety standards and regulations automotive OEMs are facing, including Euro NCAP and the European General Safety Regulations.

PRIVACY

All video processing is done locally on the device. The end customer may choose whether to receive-text based alerts only or include video snippets before and after an event. Under both cases, Cipia does not receive any video data of any kind.

TAILORED FOR FLEET OPERATION

Cipia-FS10 cloud middleware simplifies and shortens integration time for direct communication with your FMS cloud. In addition, Cipia-FS10 offers an important distinction between driver alerts and fleet manager alerts, which are filtered to prevent overload.

TAMPER PROOFING

Cipia-FS10 detects and reports loss of calibration, visual interference on camera lens, and tampering.

