

# DRIVER MONITORING SYSTEM CAMERA

Delivering 360° visibility for safer driving, effortless parking, and enhanced fleet efficiency.

The **DMS Camera monitors** the driver's attention in real time, detecting signs of **drowsiness or distraction**. By providing actionable **alerts and insights**, it helps prevent accidents, enhances overall safety, and supports smarter, more responsible driving. **Designed for seamless integration**, it delivers reliable performance under all driving conditions.

## Key Features

- **Monitors driver's attention, fatigue, and distraction levels.**
- **Advanced AI algorithms** and infrared sensors for accurate **real-time monitoring**, day or night.
- Meets **2026-GSRII EU** regulations for mandatory **DMS** in vehicles.
- Designed in compliance with **ISO 26262** for functional safety (**FuSa**).
- Meets **eye safety standards** for in-vehicle use.
- Support **DDAW** and **ADDW** features for driver drowsiness and attention detection.

## TECHNICAL DETAILS

- Camera Resolution:** 2.0MP
- IR Illumination:** 2 to 4 IR LED
- Supply Voltage:** 9V-16V
- Output Format:** RAW8 (GRAY)
- Interface Communication:** FPDLink III
- Connector:** HSD STP Cable
- Configuration Interface:** I2C
- IP Rating:** IP64
- Body Dimensions:** 61 mm x 26 mm x 32 mm
- Operation Temperature Range:** -40°C to +85°C
- Field of View:** HFOV 44°, VFOV 55°
- Safety:** QM (ASIL-B Capable)

## DRIVER SENSE CAPABILITIES & SW FEATURES

### AVAILABLE

- Driver Presence
- Microsleep
- Head Eye Tracking
- Sleep
- Short/Long Distraction
- Drowsiness
- Gaze Detection
- Unresponsive Driver
- Camera Blockage
- Mask Detection
- Camera Monitoring

### OPTIONAL

- Seat Belt
- Smoking
- Yawn
- Hand/Finger Tracking
- Phone
- Eating Drinking
- Pose Estimation