

Driver Fatigue and Unsafe Behavior Monitoring System

This driver fatigue monitoring system detects and alerts drivers to unsafe behaviors such as drowsiness, distraction, smoking, and phone use. It integrates with mobile DVRs for real-time alerts and video uploads, enhancing driving safety.



ADDITIONAL IMAGES



Overview

Advanced Driver Safety Solution

This Driver Fatigue Monitoring System is an advanced driving assistant designed to detect and alert against unsafe behaviors such as drowsiness, distraction, and mobile phone usage. Utilizing facial feature recognition and infrared technology, it provides real-time audible and visual alarms to significantly reduce the risk of road accidents. The system seamlessly integrates with fleet management software and MDVR units for comprehensive safety oversight.

Detection Capabilities

Monitored Behaviors

Fatigue Detection, Distraction Detection, Phone Call Detection, Smoking Detection, No Driver Detection, Driver Identification

Technical Specifications

Alarm Recording Resolution

1280 px

Horizontal Pixels

720 px

Vertical Pixels

Synchronous Recording

20 s

Loudspeaker Output

2 W

Connectivity & Hardware

Built-in Modules

- GPS module for speed and location recording
- WIFI module for APP-based calibration
- Infrared light for low-light/night detection
- High-definition alarm recording
- 2W Internal loudspeaker

Sunglasses Compatibility

Yes

Fleet Management

System Integration

- Seamless MDVR integration
- Real-time video uploading for abnormal behavior
- PC client and Android APP synchronization
- Automatic alarm event recording

Data Logging

GPS Location • Actual Speed • Alarm Video • Driver ID