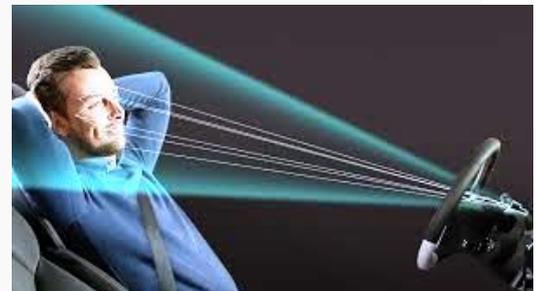




MVS-FDS Fatigue Driving System



Falling asleep at the wheel is one of the main causes of traffic accidents, mainly on the route

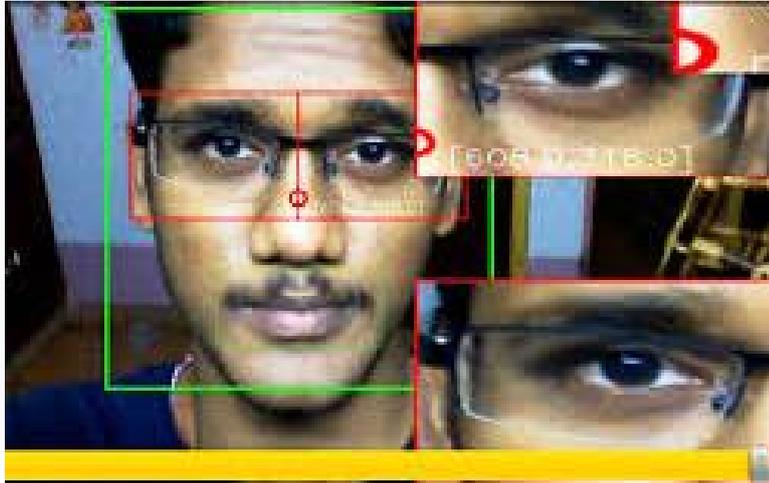


What is fatigue when driving?

When the driver drives long periods, especially if the body did not have enough rest before embarking on the trip, the effect begins to lose concentration, leading to the onset of drowsiness. At first, the driver may close his eyes for short intervals, until sleep wins altogether. Fatigue while driving can be caused by: drive long distances without stopping to rest, driving at night, after lunch, or times when your body wants to sleep, driving alone, driving on long, straight roads, frequently travel or a change in work shifts.

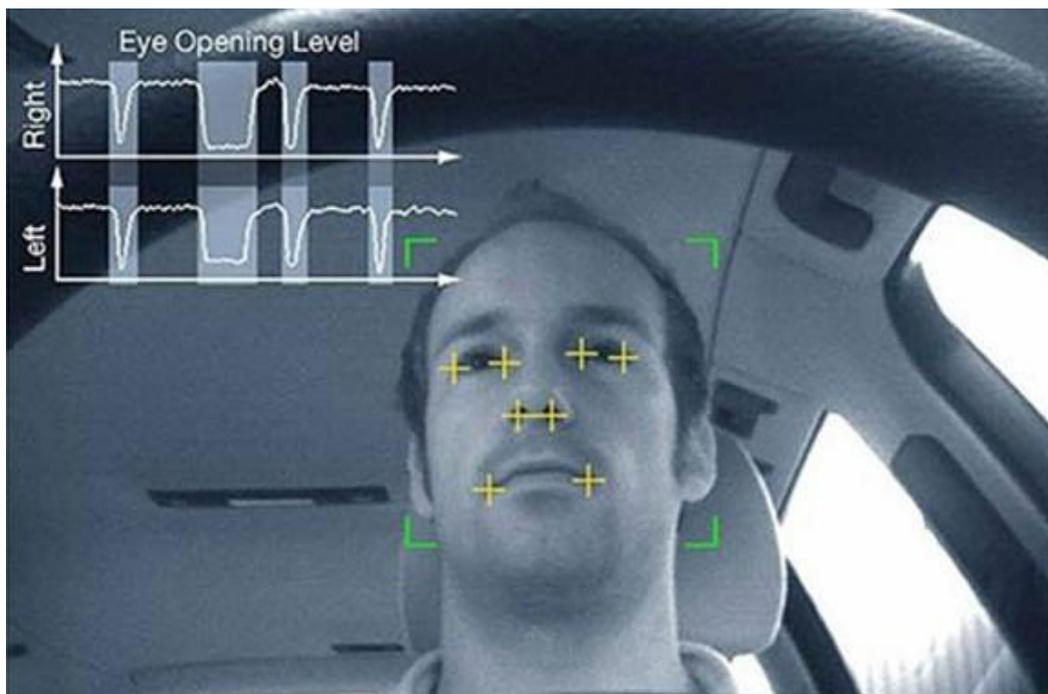
The MVS-FDS system fatigue driving utilizes a custom designed camera with dual CMOS 4 Mega Pixel sensors combined with custom designed software algorithms to recognize when the driver begins to show fatigue continuously monitoring key driver's facial changes and micro eye closures.

The system will automatically trigger an audible alarm and send an alarm message immediately to the designated monitoring authority



Fatigue Driving Sensor Benefits

Our Fatigue Driving Sensor is able to recognize when the driver begins to show the first signs of fatigue at the wheel. The high definition infrared camera which has the device recognizes the driver's face and detects micro eye closures, indicating that sleep is beginning to act. The sensor works perfectly in darkness and recognizes the eyes through dark glasses.

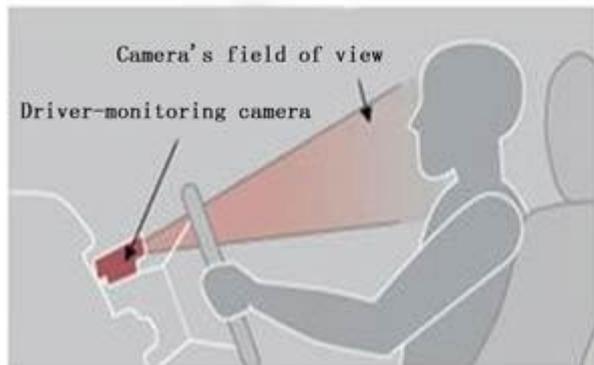


Fatigue Driving Sensor Features and functions

- Driving behavior warning function
- Adaptable adjustment of sensitivity
- Detects eyes, even through sunglasses.
- Adjust the detection levels.
- It is small, compact and aesthetic.'
- RS232 Communication
- Driver features self-calibration
- Analog image output
- It consumes little power.
- Warning image can be stored in local
- Compatible with MDVR video surveillance

Fatigue Driving Sensor installation

Installation is very simple, Fatigue Driving Sensor can work like standalone unit with central management



Detects the upper and lower eyelids, calculating how open the eyes are.

Fatigue Driving Sensor Applications

- Passenger transportation.
 - Freight trucks.
 - Freight in smaller vehicles.
 - Machine operation in the field of mining, oil, agriculture, etc.
 - Emergency vehicles such as ambulances, fire, police, etc.
 - Maritime sector.
 - Private vehicles.
-

Fatigue Driving Camera

MVS-FDC (Not Sold Separately)

New Fatigue Driving Camera/driver safety camera, gives a warning of fatigue drive by means of image recognition and driving behavior analysis to decrease accidents caused by fatigue driving.



Key Feature

- Driving behavior warning function
- Adaptable adjustment of sensitivity
- RS232 Communication
- Driver features self-calibration
- Analog image output
- Warning image can be stored in local

Specification

Model	MVS-FDC
Size	95x90x35mm
Weight(g)	400
Camera	High-sensitive night vision camera (capture)
Analog image output	Yes
Power supply	DC 9V~36V
Power	7W
Working-hours	Daylight: Yes Night: Yes
Glasses support	Near- sighted eye glass Sun- glass
Sensitivity settings	Automatic adaptability
Volume adjustment	SD card configuration adjustment (optional)
232 Communication	Image upload (optional)

	Fatigue state upload (optional)
Speed Collection	Speed pulse signal (optional)

Application

Passenger vehicles, and cargo transport vehicles, dangerous goods transport vehicles, mining vehicles, taxis and school buses and other vehicles



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**All DVR specifications, features as well as hardware represented subject to frequent change without notice.*