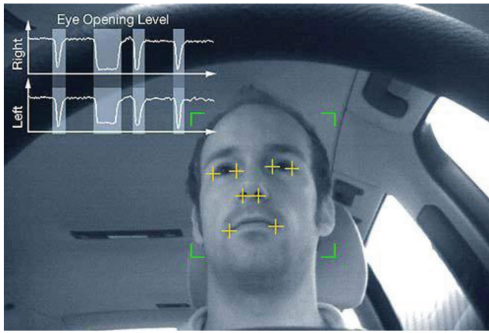
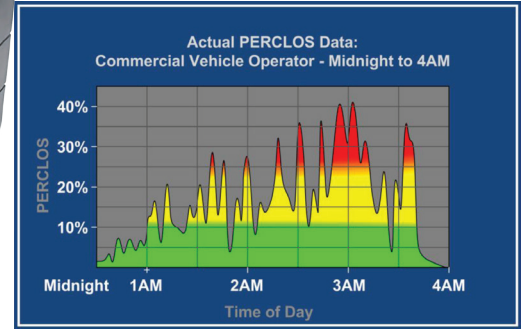


DRIVER DISTRACTION MONITOR (DDM) PART NO. SV-DDMSTRAX232E



Analysis of fatigue level



PERCLOS data

Safety Vision's DDM combines a dash mounted, infrared illuminated camera with intelligent video software to provide an easy-to-install, autonomous, turn-key solution for driver fatigue and distraction. Built-in video analytics are self-configuring and work by tracking the driver's eye lids and pupil dilation using proprietary algorithms. The DDM warns drivers with real time audible alerts when symptoms of weariness or distracted driving are recognized. Safety Vision's DDM is suitable for all vehicles.

SPECIFICATIONS

Technology	Advanced face recognition and patented pupil detection technology
Fatigue Indicator	PERCLOS
Camera Type	CMOS
IR's	18
IR Illuminator	Automatic
Detection Distance	23.6 - 35.4 in (600-900mm)
Resolution	720 x 480
Sensitivity	Adjustable
Volume	Adjustable
Alarm (high speeds)	Yes
Alarm (low speeds)	Yes, selectable
Alarm Image Output	Yes
Signal Interface	RS232
Video Output	Optional
Output Format	NTSC and PAL
Power Input	12-24V DC
Power Requirement	9-32V
Power Consumption	12V: ~100mA, 24V: ~60mA
Dimensions (L x W x H)	3.6 in. x 2.5 in. x 5.0 in.
Operating Temperature	14°F to approx. 158°F (-10°C to approx. 122°C)
Storage Temperature	-49°F to approx. 185°F (-45°C to approx. 85°C)
Certifications	UL, FCC, CE

Fatigue Monitoring

Safety Vision's DDM monitors the state of a driver's wakefulness using PERCLOS (Percent Eyelid Closure) data. The camera sounds an alarm when unsafe patterns are exhibited, maintaining alertness and preventing potential accidents. The DDM automatically adapts to all cabin environments and driving conditions for constant driver protection.

Distraction Monitoring

Driver distraction is similarly monitored based upon the percentage of time his eyes are focused directly in the direction of the vehicle's travel. Each year more incidents involving distracted drivers texting, operating mobile phones, or otherwise not paying attention to the road are reported. The DDM provides direct feedback to the driver, improving his ability to make safe driving choices.

SafetyTrax AVL (All Vehicle Locator) Integration

Safety Vision's DDM integrates data seamlessly into the SafetyTrax All Vehicle Locator (AVL), a proprietary web-based automatic vehicle location service. Receive alerts immediately when a driver exhibits weary or distracted behavior on any smart device or web browser. PERCLOS data displays alongside tire pressure, fuel mileage, idle times, and other data on the AVL dashboard. DDM data can also be added to custom reports for a comprehensive analysis of vehicle and driver performance.

Please discuss our installation, training, extended warranty, spare-in-the-air, and onsite service options with your mobile video solutions specialist!