

# SAFETYTRAX / DDM

## DRIVER DISTRACTION MONITOR CAMERA SYSTEM



**LSM Technologies SafetyTrax 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. **LSM Technologies SafetyTrax DDM** warns the driver with real time audible alerts when symptoms of weariness or distracted driving are recognised

### Driver Fatigue Monitoring

- SafetyTrax 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. SafetyTrax DDM automatically adapts to all cabin environments and driving conditions for constant driver protection.

### Driver 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. SafetyTrax DDM provides direct feedback to the driver, improving his ability to make safe driving choices

### SafetyTrax / Web IVMS Reporting Integration.

- SafetyTrax DDM integrates data seamlessly into our SafetyTrax IVMS System, a web-based In-Vehicle Monitoring System.
- Receive alerts immediately when a driver exhibits weary or distracted behaviour via a web browser. PERCLOS data displays alongside Tyre Pressure / Temperature Monitoring, Fuel Mileage, Idle Times, and other data on the SafetyTrax / IVMS Dashboard.
- SafetyTrax DDM data can also be added to custom reports for a comprehensive analysis of vehicle and driver performance.



SPECIFICATIONS	
Operating Temperature	-7 deg C to +71 DegC
IR Illuminator	Automatic
Dimensions	134 x 87 x 64.5 mm
Weight	589.67 grams
Power	12- 24 VDC

Report: Distracted Driving					
Start Date-Time: 9/5/2013 6:00 PM		Group: All Groups	Vehicle: Manager BV		
End Date-Time: 9/5/2013 11:59 PM		Driver: All Drivers			
Date	Time	Heading/Speed	Event Type	Location	Captured Image
Vehicle: Manager BV Driver: Brendan Villers					
Thu, Sep 05, 2013	6:11 PM	North Northeast @ 101 kph	Distracted Driver Detected	Gympie Arterial Road, Strathpine, Redcliffe, Queensland, 4017, Australia	
Thu, Sep 05, 2013	6:19 PM	North @ 97 kph	Distracted Driver Detected	Ruce Highway, North Lakes, Endeavour Outlook, Queensland, 4509, Australia	
Thu, Sep 05, 2013	6:25 PM	North Northwest @ 56 kph	Distracted Driver Detected	Progress Road, Burpengary, Caboolture, 4505, Australia	

*SafetyTrax Web Based reporting / fatigued Driver*