



SCI's Unified Fleet Modules offers a new and innovative approach for fuel and fleet management. It integrates any hardware into a **single** highly advanced yet simple to use web-based software that provides practical and actionable information.

Vision Shield

LIVE VIDEO STREAMING OF DRIVER/VEHICLE ACTIVITY



Overview:

Vision Shield allows you to monitor critical activities and safety issues remotely in real time using cellular and wireless technologies to stream high-quality live or recorded video from locations to remote client devices efficiently and economically.

Vision Shield supports for closed circuit monitor enables drivers to see what is going on in every corner of the vehicle at a glance, and bidirectional audio capabilities let them speak freely with dispatcher and other personnel. Built-in Wi-Fi that can be used to create a Wi-Fi hotspot to provide Internet service to passengers coworkers. In addition to video streaming, Vision Shield can provide full GPS support that enables advanced geofencing functionality, speed detection, and live tracking.

Vision Shield can be programmed to send event-driven SMS or e-mail alerts and quickly locate the relevant recording segment.

Vision Shield is a standalone product. It is one of SCI's Unified Fleet Modules, and therefore data can always be managed, stored, analyzed, displayed, and reported through SCI's UFM Manager (web-based software).

Features:

- Integration of two or four video cameras.
- Bidirectional audio support
- Integration of up to 16 input sensors using an expansion module.
- Integration of two output activation sensors (activators)
- Integration of Pan-Tilt-Zoom (PTZ) controllers, enabling remote aiming and focusing of cameras
- Integrated LAN connection
- Support for cellular modems (GSM and CDMA) and wireless communications (Wi-Fi, Wi-Max).
- Built-in router with Ethernet connectors for connecting external IP-based devices to the network.
- High-quality digital video recording (DVR) capabilities on all channels
- Remote viewing of live and recorded video via PC, PDA, or cellular phone
- Transcoding algorithms for video transmission at low bit rates without degrading video quality
- Simultaneous playing and recording of live video from all channels
- Pre- and post-alarm video recording
- Automatic editing of video streams
- Software-generated motion detection with adjustable threshold and regions of interest





Data:

- Streaming live video with or without audio via GPRS
- Recorded video with or without audio (searchable content)
- Event-driven recording
- Event-driven alerts
- Real-time SMS and e-mail event notifications
- GPS (optional)

Operation:

Vision Shield operation is straight forward and simple. The system can be controlled and configured from any device with access to a browser since it operates on Wi-Fi and/or GPRS. The images and alerts can be received and viewed through SCI's UFM Manager (web-based software) or on your iPhone or any other smart phone or tablet.

