VIA

VIA Mobile360 M800 Video Telematics System

Prevent Vehicle Collisions

Improve Driver Attentiveness

Boost Fleet Efficiency

Accelerate Cross-Fleet Integration

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Improve driver safety and fleet efficiency for large public transportation and commercial vehicles such as buses, coaches, and trucks with the VIA Mobile360 M800 Video Telematics System. Combining cutting-edge accident prevention features with pinpoint driver fatigue and distraction detection, this reliable and powerful system enhances driver situational awareness and attentiveness on crowded city streets, busy highways, and twisting county roads.

Comprising a compact IP67-rated system, a front-facing ADAS camera, and an interior-facing DSS camera, the VIA Mobile360 M800 can be precisely positioned to meet your specific installation requirements for a diverse range of large passenger and commercial vehicle usage scenarios. The system's ADAS display further enhances driver safety and convenience with clear visual/audio alerts and two-way calling with the fleet management center.

To facilitate integration with existing telematics devices installed in the vehicle, the VIA Mobile360 M800 features an integrated Ethernet connector. It also comes with a comprehensive suite of VIA Fleet SDK, EVK, and BSP packages that simplify edge-to-cloud deployment of the system. A 30-day demonstration of the VIA Fleet Cloud Management Portal is available for you to evaluate real-time vehicle tracking, collision alerts with video upload, trip history, and a host of other fleet management functions enabled on the system.

| ADAS display | ADAS Camera | DSS Camera | 2-in-1 antenna module | J1939 cable |

Prevent Vehicle Collisions

Reduce the risk of collisions on busy city streets and highways with real-time lane departure warning and forward collision warning alerts from the system's ADAS camera. By making your drivers aware of potential hazards on the road ahead, the system gives them time to take evasive action.

Improve Driver Attentiveness

Keep your drivers focused when they are behind the wheel with fatigue, smartphone usage, and smoking alerts issued by the DSS (Driver Safety System) camera. When the DSS is synchronized with the VIA Fleet Cloud Management Portal, it provides you with rich driver behavioral data that you can use to identify opportunities for improving their wellbeing and performance.

Boost Fleet Efficiency

Harvest a wealth of rich real-time vehicle data including speed, distance, idle time, and fuel consumption, to identify opportunities for optimizing fleet efficiency and safety. By flagging G-Sensor events such as hard revving, hard braking, and hard cornering, the system delivers additional insights for improving driver wellbeing and performance and reducing wear and tear on the vehicles.

Accelerate Cross-Fleet Integration

Accelerate the integration of the system across your fleet using our comprehensive suite of VIA Fleet SDK, EVK, and BSP packages that ensure compatibility with all leading commercial cloud platforms. The VIA Fleet AWS Cloud SDK and VIA Fleet Cloud Management Portal streamline the deployment of AWS applications and services. A free 30-day demonstration of the VIA Fleet Cloud Management Portal is available for you to evaluate the rich fleet management functions enabled on the device.
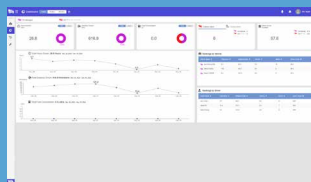

The VIA Mobile360 M800 Video Telematics Systems has the following key features.

▣ Hardware Features

- Compact Ruggedized IP67-Rated Design
- Wi-Fi and GPS Wireless Connectivity
- Optional 4G Wireless Connectivity
- Ethernet Port
- Micro SD Card Slot
- Micro SIM Card Slot
- CAN Bus Support
- 9~36V DC-in with ACC/IGN Support
- ISO-16750-3 Test VII Shock and Vibration Compliance
- 178mm (W) x 53.8mm (H) x 194.6mm (D)

▣ Software Features

VIA Fleet

- Lane Departure Warning and Forward Collision Warning
- Driver Fatigue, Smoking, and Smartphone Usage Detection
- VIA Fleet SDK, EVK, and BSP Packages
- VIA Fleet AWS Cloud SDK
- VIA Fleet Cloud Management Portal (30-Day Free Demonstration)

▣ Accessories

- IP67-rated FOV-60.8° 1080p ADAS Camera
- IP67-rated FOV-113° 1080p DSS Camera
- ADAS Display with Speaker and Microphone Array
- J1939 cable
- 2-in-1 Antenna Module