Siera Electronics



Siera SXM

Vehicle Fleet Monitoring and Management Platform

Siera Xtreme Mobile is a line of MNDVRs, dashcams, and bodycams with advanced features designed to meet all the needs of the mobility market.

Key Specifications

· Real-time GPS monitoring
· Live video and remote playback
· Intelligent alarm management
· Active safety: ADAS, DMS and BSD
· Multi-company and multi-user platform
· Direct communication with the vehicle
· Geofencing and route control
· Synchronized evidence
· Remote device management
· Operational and safety reports
· Scalable for fleets of different sizes
· Centralized web Access

Comprehensive Fleet Management

Real-Time Monitoring
Visualization of the location, speed, operating status, and routes of all vehicles on digital maps.

Live Video and Playback
Remote access to vehicle cameras, playback of recordings, and evidence download from any authorized workstation or mobile app.

Active Safety
Centralized management of ADAS, DMS, and BSD events to improve operational safety and reduce driving risks.

Intelligent Alarm Management
Real-time alarm reception with synchronized video evidence, GPS location, driver, and vehicle information.

Fleet Management
Management of vehicles, drivers, devices, users, permissions, and organizations through a multi-company architecture.

Reports and Analytics
Generation of operational reports, driving statistics, event history, and fleet behavior analysis.
· Geofencing
· Routes
· Intercom
· Playback
· OTA Configuration
· API
· Multi-user
· Maintenance

Siera reserves the right to apply changes on the specifications of the products at any moment without prior notice.
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SOLUTION ARCHITECTURE



Web Browser





Mobile App

- Device Management
- Alarm Management
- Video Streaming
- Rules Engine
- Reports and Analytics
- Notifications



Siera SXM Server

- Video
- GPS / GIS
- Telemetry
- ADAS / DMS / BSD
- Storage
- Users and Permissions



API
Integration with Third-Party Systems



Database
Secure and High-Availability Storage

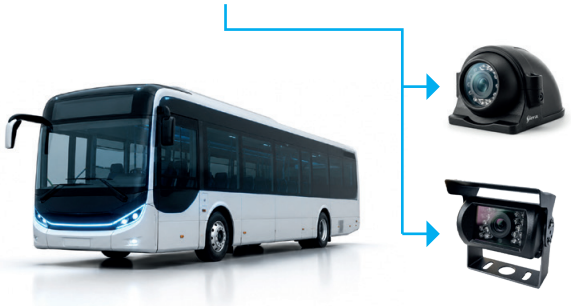


Reports
Dashboards and Intelligent Reports



Internet
4G / Wi-Fi / Fiber Optic







GPS



ADAS



DMS



BSD



Sensors



Panic Buttom



Audio



External I/O

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