MG VISION

Product Overview

The Future of AI Fleet Management

MG Vision by Mobile Group Ltd revolutionizes Fleet management by combining ADAS/ DMS cameras with AI technology for real-time vehicle and driver monitoring, significantly enhancing safety and efficiency. This comprehensive system offers GPS tracking, tire pressure and cargo temperature monitoring, alongside advanced diagnostics and route optimization, ensuring unparalleled control over Fleet operations.

The MG Vision device works by integrating several advanced AI technologies to enhance vehicle and Fleet Safety, Efficiency & Cost Efective

MG Vision paired with its innovative app. Provides Fleet managers with 24/7 comprehensive control over Fleet's safety, efficiency, and operational needs through real-time tracking, AI-driven driver monitoring, instant incident alerts, remote diagnostics, and efficient dispatching. All integrated into one powerful platform for unmatched Fleet management.

Real-time alerts   Fleet management   Cloud stored Data   4 Cameras

Key Features and Benefits

- ☑ **Vehicle Online Location**
- ☑ **CANBUS and Diagnostics**
- ☑ **Comprehensive Support**

- ☑ **Tire Pressure Sensors**
- ☑ **Fast Deployment**
- ☑ **Driver Skill Monitoring**
- ☑ **ADAS/DMS Camera**
- ☑ **Features Store**

- ☑ **Cargo Temperature Sensor**
- ☑ **Multi-layer Solution**
- ☑ **Remote Online Diagnostics**
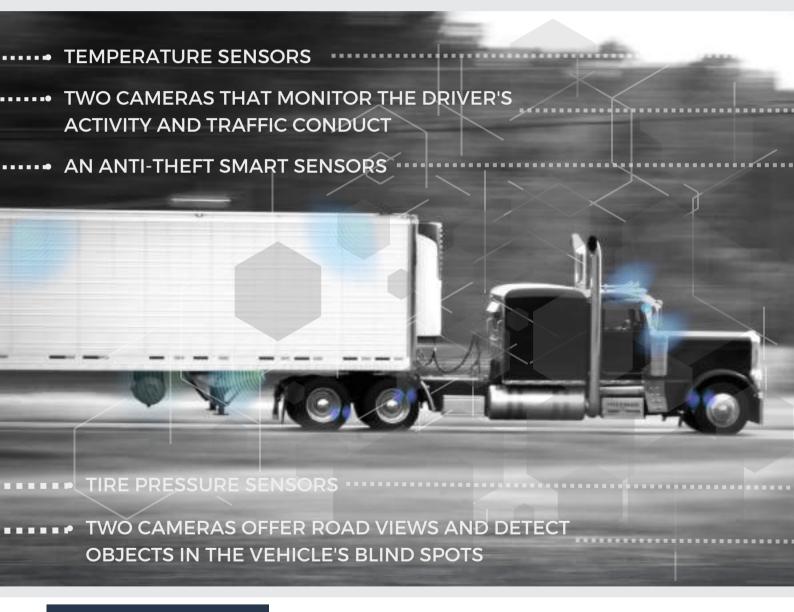- ☑ **Dispatching and Optimization**
- ☑ **AI-Based Alerts**

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MOBILE GROUP

MG VISION

Product Overview

SENSORS REVIEW:

- TEMPERATURE SENSORS

- TWO CAMERAS THAT MONITOR THE DRIVER'S ACTIVITY AND TRAFFIC CONDUCT

- AN ANTI-THEFT SMART SENSORS

- TIRE PRESSURE SENSORS

- TWO CAMERAS OFFER ROAD VIEWS AND DETECT OBJECTS IN THE VEHICLE'S BLIND SPOTS

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- **OS** — Android 12
- **CPU** — SL7862 2*ARM Cortex-A75@1.8GHz+6*ARM Cortex-A55@1.8GHz
- **GPU** — G52 3EE@614.4MHz
- **DDR** — 4GB RAM
- **Flash** — 32GB ROM
- **Storage** — TF card upto 512GB
- **Supported SIM card type** — Micro SIM card
- **Cellular bands** — LTE:B2/B3/B4/B5/B7/B12/B13/B17/B20/B28/B66 WCDMA:B1/B2/B4/B5/B8
- **Operating voltage** — DC 9V~32V (Up to 9V~48V)
- **Operating current** — ≤2A@24V;
- **Working Temperature** — −20℃ ~ +70℃
- **Storage temp** — −30℃ ~ 80℃
- **GPS** — External antenna: cold start time: 30s; warm start time:5s; support AGPS/GLONASS/BD
- **Bluetooth** — Bluetooth v4 / BLE supported
- **WIFI** — 2.4GHz/5GHz WIFI Hotpot / WIFI 802 11a/b/g/n
- **Gyroscope** — G-sensor 6 axis
- **Accelerometer** — Yes
- **MIC** — Single MIC 3m cable
- **USB Interface** — Fakra to USB connector*1
- **Canbus Reader** — 2 channels (FD-CAN Supported) internal CAN IC (TJA1042 NXP)

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SPECIFICATIONS:

• Serial port	RS 485*1 - UP to 19200
• Serial port	RS- 232X2 - UP to 115200
• External Relay Connection	Pull Down relay
• Analog Input	Measure input 0-30v (Protection upto 48V)
• Backup Battery	400mAh or 3000mAh
• Harness Connections and I/O	GND ACC BATT
• Shell	Alloy shell with ears
• External Touch Screen 10" connection	MIPI cable with touch support

Optional Accessories

• 1 Wire	
• Speaker	
• MG ADAS Camera	1280*720; 120° wide angle; Recycling record Support ADAS;
• MG DMS Camera	1280*720P; Support DMS
• MG Rear Camera	1280*702P; Recycling record
• MG Side Camera	1280*720P; Recycling record
• External Screen	10.1'' IPS multi touch
• External Info Small Display Connection (RS232)	1. Harsh brake warning 2. Engine Temp 3. Various Canbus data (front distance from a car/ speed/ etc...)

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