

MOBILE
GROUP

MGVISION

**IMPROVE FLEET EFFICIENCY, SAFETY,
AND REDUCE COSTS WITH DMS/ADAS**



www.mobilegroup.co.il

Real Time Visibility for Optimal Safety

Today fleet managers MUST protect their investments and ensure that their vehicles are kept safe and driven professionally. MGVision's ADAS/DMS cameras are designed to lower risks, provide better visibility, and improve driver performance, leading to a safer fleet.



MGVision utilizes Mobile Group's proprietary AI Technology and combines all of the safety enhancements that MGConnect delivers, with the addition of real-time video feeds and AI analysis. Fleet owners can monitor and improve their fleets' safety and efficiency resulting in reduced downtime and costs.

Reduce Risks and Costs

MGVision is the solution to improving the safety of your fleet and drivers. Its two ADAS/DMS cameras along with two adjustable (front/rear/sides) provide complete coverage of the vehicle and the area around it with real-time alerts when dangerous behaviors are detected. MGVision records driver behaviors allowing Fleet managers to track and correct unsafe behaviors and promote safer driving.

Mobile Group's MGTelematics interfaces directly to the Controller Area Network (CAN) and provides AI-enhanced insights to detect anomaly's, prevent car faults before they happen and increase the lifespan of the fleet.

Eliminate Unsafe Driving!

MGVision utilizes its video monitoring system including DMS (Driver Monitoring System) and ADAS (Advanced Driver Assistance System) to capture data and video. AI-enhanced insights reduce operating costs, ensure proper vehicle maintenance and ultimately increase the vehicles lifespan, prevent accidents and achieve peak efficiency.

Real-Time Warnings

Built-in safety alerts are triggered when unsafe driving is detected empowering the driver to make corrections and avoid accidents. These events can also be displayed on the systems optional screens. This can include unsafe mergers, collision warnings, speeding not monitoring safe distance, etc.



Fleet Visibility 24/7

Fleet managers can view data and live streaming video through a web-based system, coupled with AI based telematics to track and improve drivers behaviors and take corrective measures if indicated.

Optional modules allow tracking and scoring drivers' behaviors to help lower insurance for safer drivers and ignition disconnect module to limit vehicle usage based on management needs.



ABOUT MOBILE GROUP

Founded in 2008, Mobile Group Ltd. expertise lies in designing and delivering highly customized embedded systems for automotive, communication, and visint (visualization and intelligence) sectors.

Mobile group uses cutting edge in-house designed modules to efficiently meet the unique requirements of each client. The leading developer of embedded Android and Linux-based system, Mobile Group has successfully delivered creative solutions for leading automotive manufacturers around the world.

Whether it's developing advanced automotive solutions, enhancing communication systems, or revolutionizing visint technologies, Mobile Group. is your go-to partner for reliable and innovative solutions.

TECHNICAL SPEC:

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 256GB
Cellular bands	user-defined 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°C ~ +70°C
Storage temp	-30°C ~ +80°C
GPS	External antenna
Bluetooth	Bluetooth V4 / BLE supported
WIFI	2.4GHz/ WIFI Hotpot / WIFI 802 11b/g/n
Gyroscope	G-sensor 6 axis
Accelerometer	Integrated
MIC	Single MIC 3m cable
USB Interface	Fakra to USB connector*1
Canbus Reader	2 Channels (CAN-FD supported)
Serial port RS-232	RS 232 X 2
Serial port RS-485	RS 485
External Relay Connection	Pull Down relay
Analog Input	Measure input 0-30v (Protection upto 48V)
Backup Battery	3000mAh
Harness Length	3m
External Info Small Display Connection	Supported
External Info Small Display	Supported
External Cameras	x2
DMS and ADAS	Supported