

Driver Monitoring System

Magna's mirror integrated DMS is a natural extension of our leadership position in camera and mirror technologies. Features a proven camera-based solution that actively monitors and reduces distracted driving through customizable alerts and notifications, all in one complete product system.



Smarter



Safer



Electrification



Autonomy



New Mobility



Design



Co-Development
Opportunity



Patented

Competitive advantage/differentiators

- Real time monitoring of driver head, eye and body movement to detect distracted behavior, drowsiness and fatigue
- Cost saving by integrating with existing ADAS systems
- Common core designs (camera and algorithm) fit multiple system configurations
- Seamless packaging into inside mirror and overhead console
 - By design, the interior mirror provides the best unobstructed view to the driver
 - Flexible camera mounting positions including steering column, instrument cluster, center console and A-pillar

Features

- Drowsiness detection
- Engagement level detection
- Precision gaze detection
- Head pose detection
- Face identification
- Auto calibration

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production