motive

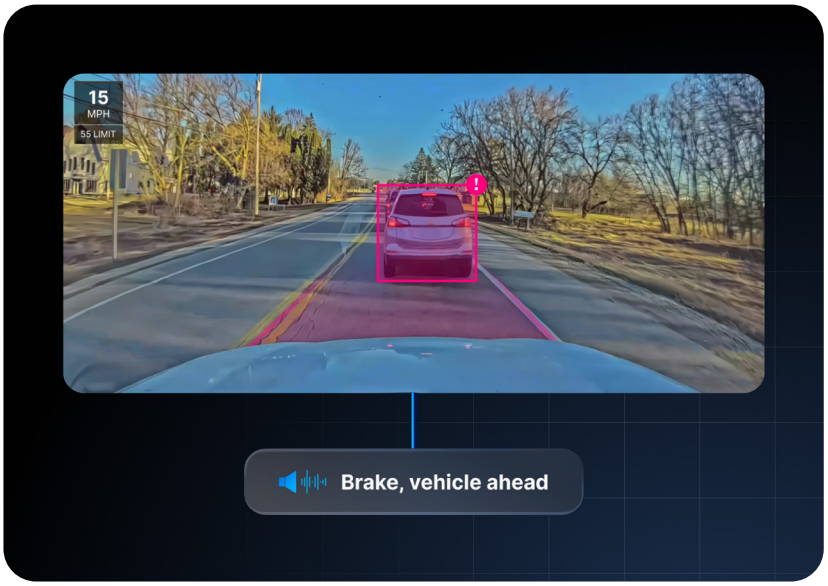




Road-Facing AI Dashcam

Prevent accidents and reduce risk with accurate AI.

The Motive difference



Motive uses a high performance AI processor for computer vision from Ambarella.

Motive accurately detects more than 10 unsafe driving behaviors.

HD video with wide field of view: 30 frames per second vs 15 frames per second.

Configurable storage based on video quality: Up to 8 days with long-duration cloud recall options.

Battery backup recording in case of power loss.

Driver-centric with visual LED and quick capture button.

AI Dashcam and AI Omnicam provide 360-degree visibility around your vehicle.

Key features

Instant risk detection

Safety event capture

- **Unsafe behaviors**
  - Close following
  - Unsafe lane change
  - Lane swerving
  - Stop sign violation
  - Obstructed camera
  - Speeding over posted
  - Speeding over policy
  - Hard braking
  - Hard acceleration
  - Hard cornering
- **Other**
  - Collision
  - Near collision
  - Forward collision warning
  - Unsafe parking
  - Forward parking
- **Positive driving**
  - Safe distancing
  - Alert driving

In-cab audio and visual alerts:

- Close following
- Unsafe lane change
- Lane swerving
- Stop sign violation
- Obstructed camera
- Forward collision warning
- Speeding over posted
- Speeding over policy
- Hard braking
- Hard acceleration
- Hard cornering
- Unidentified trip
- Dash cam disconnect/activation

Event validation

- EVE Event Validation Engine
- Motive Safety Team

Driver coaching

- Safety Hub
- Custom unsafe behavior detection
- Event Severity
- AI Coach
- Driver App coaching
- Coaching Sessions
- Training videos
- Customizable Safety Score

Accident management

- Collision detection and video upload
- Video recall: Up to 3 minutes/ request (60 minutes with timelapse recall)
- Automated collision reporting
- First Responder

360-degree visibility

- Live streaming
- Live images
- Engine-off recording
- In-cab audio recording
- Camera health (installation issues, disconnects, etc.)

Driver privacy & control

- Privacy Blurring
- Geofence Privacy & Event Suppression

Camera



	Road-facing camera
Resolution	1920 × 1080 (1080p)
Frame rate	30 fps
Field of view	150°
Pixel size	2.0 µm x 2.0 µm
Dynamic range	104 dB
Aperture	f/2.35

Hardware

- Model #: DC-53
- Configurable recording: 35-195 hours
- Industrial-grade battery
- Quick Capture button
- Custom mount: Supported
- Privacy lens cover: Optional
- Cable length: 13.1 ft (4 m)
- Dimensions: 4.53 × 2.36 × 1.06 in (115 × 60 × 27 mm)
- Operational temperature: -40°F-185°F (-40°C-85°C)
- Storage temperature: -40°F-239°F (-40°C-115°C)
- Connectivity: High-speed LTE through included Motive Vehicle Gateway
- Microphone: Digital, omni-directional
- Speaker: Built-in, max 80 dB
- Multi-color LED light bar for in-cab alerts
- IP rating: IP52
- Warranty: Lifetime (with continuous, active Motive subscription)*

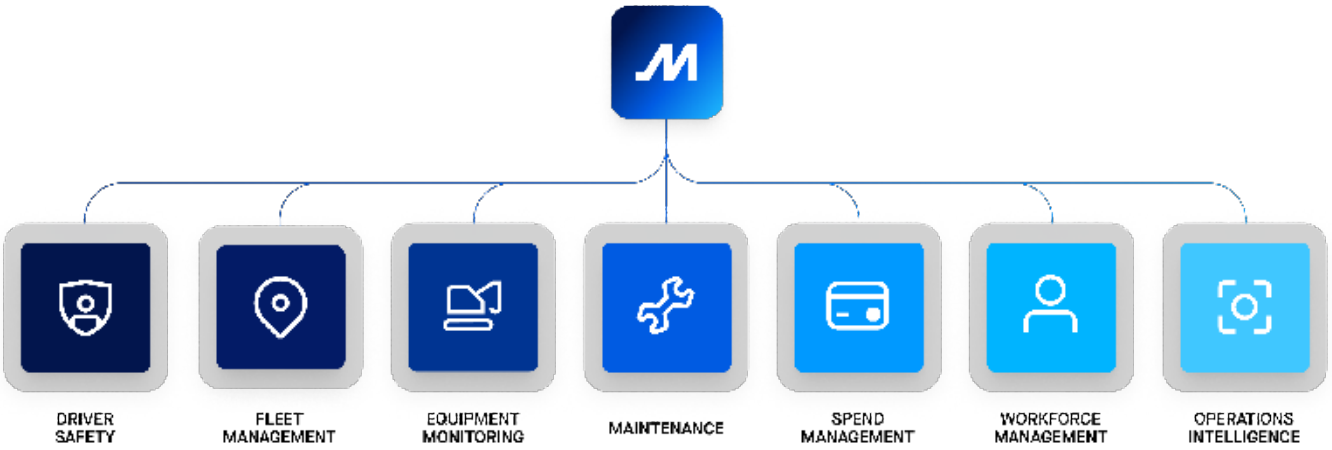
**Lifetime coverage requires a continuous, active subscription with Motive. Cables and mounts have a one year warranty.*

Requirements

The following prerequisites must be met in order to use all the safety features available within the Motive platform.

- Motive Vehicle Gateway model: VG 3.55 and above
- Motive Driver App (Android or iOS): v36
- Motive subscription:
  - All features - Driver Safety and Fleet Management plan
  - AI Coach - Workforce Management plan

Motive is the AI-powered Integrated Operations Platform for the physical economy.



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About Motive

Motive empowers the people who run physical operations with tools to make their work safer, more productive, and more profitable. For the first time, safety, operations, and finance teams can manage their workers, vehicles, equipment, and fleet-related spend in a single system. Motive serves nearly 100,000 customers from small businesses to Fortune 500 enterprises across a wide range of industries, including transportation and logistics, construction, energy, field service, manufacturing, agriculture, food and beverage, retail, waste services, and the public sector. Visit gomotive.com to learn more.

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