

# Motive



## AI Dashcam

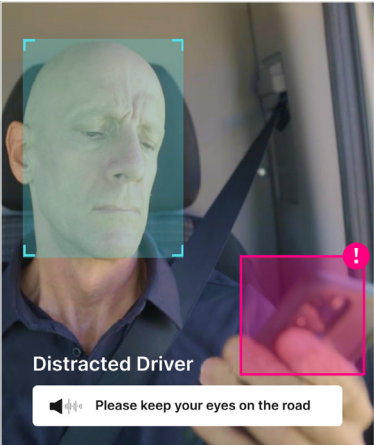
**Stop accidents by detecting unsafe driving with industry-leading accuracy**

Motive's AI Dashcam helps your drivers modify high-risk behaviors instantly. Powered by the leading edge AI processor and advanced computer vision algorithms, Motive has the fastest, most accurate AI dash cam among leading providers.

# Key benefits

## Alert in real time

AI instantly detects high-risk behavior with unrivaled accuracy and sends in-cab alerts to modify behavior in real time.



## Automate coaching

Our in-house safety team and advanced event intelligence analyze every video within seconds, then coach your drivers post-trip.

### Driver Coaching

- Speeding**  
Daniel Brown  
✔ Coached
- Close Following**  
Jose Bernardo  
🔔 Coachable
- Seat Belt Violation**  
Willy Payne  
🛑 Pending Review

## Protect your business

Use HD video footage as in-the-moment evidence to protect drivers from false claims and defend against litigation.

### Hard Brake

Vehicle: LCL125

Date: Apr 5, 2022

Time: 01:30 PM PST - 01:33 PM PST

Request Video

## Key features

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### Alert in real time

#### High-risk event detection and upload

Real-time AI detection:

- **Violations**
  - Stop sign violation
- **Core risk**
  - Close following
- **Driver awareness**
  - Cell phone usage
  - Distraction
  - Seat belt violation

In-house safety team detection:

- **Violations**
  - Ran red light
  - Failure to yield
  - Passing violation
  - Improper lane usage
  - Railroad crossing
- **Core risk**
  - Unsafe lane change
  - Lane cutoff
- **Driver awareness**
  - Drowsiness
  - Delayed response
  - Smoking

Plus 35+ environmental condition tags

Telematics detection:

- **Violations**
  - Speeding
- **Harsh driving**
  - Hard brake
  - Hard acceleration
  - Hard corner

Collision detection:

- Collision
- Near collision

Other:

- Camera installation issue
- Camera obstruction

#### In-cab audio and visual alerts

- Close following
- Cell phone usage
- Distraction
- Stop sign violation
- Seat belt violation
- Speeding
- Hard brake
- Hard acceleration
- Hard corner
- Unidentified trip
- Dash cam disconnect/activation

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### Automate coaching

Included in both Pro and Enterprise subscription plans

- In-house safety team
- Safety Hub
- Event intelligence
  - Smart Event Thresholds
  - Risk and environmental insights
  - Event Severity
- Real-time speeding alerts
- Automated coaching
- Coaching sessions
- DRIVE risk score

**Key features (continued)**

**Protect your business**

- Video recall: Up to 3 minutes/request (60 minutes with timelapse recall)
- In-cab audio recording
- Dash cam health data (installation issues, disconnects, etc.)
- Automated collision reporting (FNOL)
- Live streaming
- Live images
- Engine-off recording
- Driver Privacy Mode

**Camera**



**Road-facing camera**

**Driver-facing camera**

	Road-facing camera	Driver-facing camera
Resolution	2560 × 1440 (1440p)	1920 × 1080 (1080p)
Frame rate	30 fps	15 fps
Field of view	150°	180°
Pixel size	2.0 μm x 2.0 μm	2.8 μm x 2.8 μm
Dynamic range	104 dB	120 dB
Aperture	f/2.35	f/2.2

## Hardware

- Road-facing model #: DC-53
- Dual-facing model #: DC-54
- Camera storage: 68–104 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
- LED lights for in-cab alerts:  
Multi-color LED light bar

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## 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
  - **Starter plan:**  
includes video recall only
  - **Pro, Enterprise plans:**  
includes all features

# motive



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