

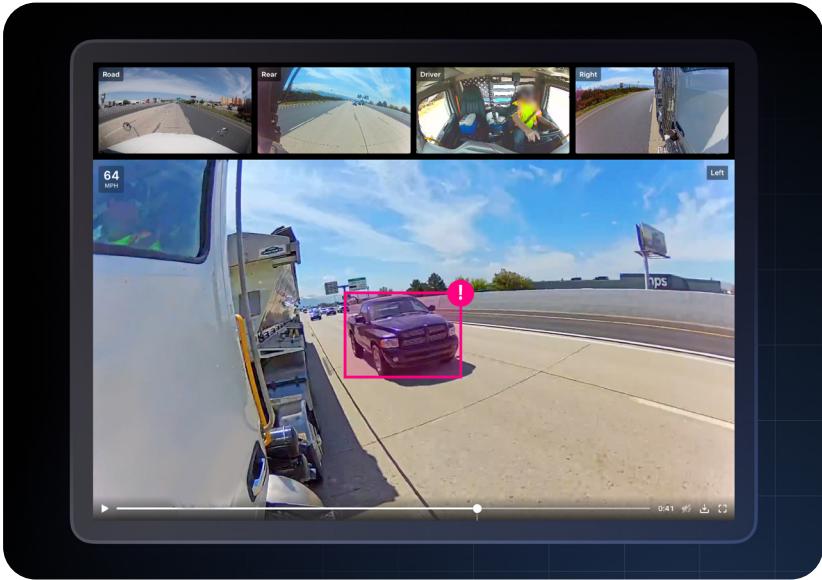
Motive



AI Omnicam

Unlock 360° visibility around your vehicles and transform blind spots into insights.

The Motive difference



First AI-powered camera for side, rear, cargo, or passenger monitoring.



Highest video quality day and night. 1080p with the widest 144° field of view.



Easy, low-cost install: Built-in 4G LTE, no DVR box, simple wiring, and app-based installation.








IP69k rating with up to 5 minutes of battery backup recording.



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

Key use cases



 <p>Exonerate drivers in sideswipe and rear-end collisions.</p>	 <p>Reduce injuries by monitoring safety gear and procedures.</p>	 <p>Reduce theft by monitoring unauthorized access.</p>
 <p>Reduce disputes by monitoring procedures and providing proof of service.</p>	 <p>Enhance transit safety and optimize service with passenger monitoring.</p>	

Specifications

Camera

Model #	OC-1
Resolution	1920 × 1080 (1080p)
Frame rate	30 fps

Camera specifications (continued)

Pixel size	2.8 μm x 2.8 μm
Low light performance	Nightvision with IR illumination 4 IR LEDs with 20m range
Dynamic range	120dB
Aperture	f/2.0
Cable length	16.4 ft (5 m)
Dimensions	Camera = 3.23 x 3.23 x 2.64 in (82 x 82 x 67mm) Body Mount = 3.87 x 4.17 x 4.06 in (98.28 x 106 x 103.12mm)
Operational temperature	-22°F to 140°F (-30°C to 60°C)
Storage temperature	-40°F to 185°F (-40°C to 85°C)
Connectivity	Built-in 4G CAT-4 LTE
Configuration access point	Yes
Ingress protection rating	IP69K
AI architecture	Ambarella CV25 (capable of 7 models @ 7fps)
Integrated power-only cable	Connect the camera to either 12V/24V switched ignition power source or constant power source
System weight	Camera (includes cable) = 1.12lb (510g) Mount = 0.51lb (230g)
Shock rating	50g
Audio support	No audio recording
Material type	Camera and mount plastic = Polycarbonate Camera midframe = Aluminum alloy
Physical connector type	Bare wires

Field of view

Field of view	Diagonal: 170.2° Horizontal: 144.2° Vertical: 77.6°
---------------	---

Storage

Built-in storage	Configurable recording duration: 45-200 hours
Engine-off recording	24 hours for heavy-duty, 45 minutes for light-duty
Video recall	Up to 3 minutes/request
Memory storage type	eMMC

Battery

Built-in battery backup power	2-5 minutes
Power consumption when recording in day light	4.7W
Power consumption when recording in night time (max)	6.4W

Mount accessory

- Camera ships with AI Omnicam body mount accessory (Model #: ACC-OC-BM1)
- Use the body mount accessory to mount the camera to any flat surface on the vehicle.



Mount



Camera in mount

Mirror mount

- Easily mount the AI Omnicam on the side-view mirror without drilling, using mirror mounts compatible with 2018+ Freightliner Cascadia.



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
- AI Dashcam or Smart Dashcam
- Motive Fleet App (Android or iOS)
- **Motive subscription**
 - Enterprise plan
 - AI Omnicam plan
 - AI Dashcam or Smart Dashcam plan



gomotive.com



855-434-3564



sales@gomotive.com