

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



Exonerate drivers in sideswipe and rear-end collisions.



Reduce injuries by monitoring safety gear and procedures.



Reduce theft by monitoring unauthorized access.



Reduce disputes by monitoring procedures and providing proof of service.



Enhance transit safety and optimize service with passenger monitoring.

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 × 3.23 × 2.64 in (82 × 82 × 67mm) Body Mount = 3.87 × 4.17 × 4.06 in (98.28 × 106 × 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°
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Storage

Built-in storage	Configurable recording duration: 50-200 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

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
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