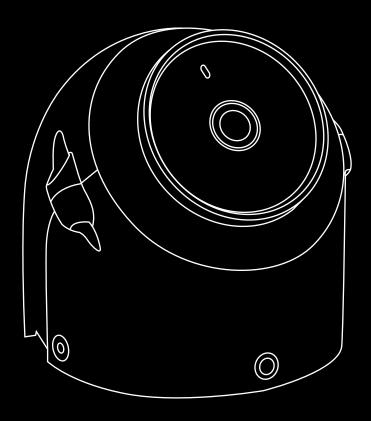
AI Omnicam

Installation guide



motive



FAILURE TO PROPERLY AFFIX THE DEVICE TO THE VEHICLE CAN CAUSE THE DEVICE TO DETACH AND RESULT IN SERIOUS INJURY.

SIMILARLY, BOLTS, NUTS, SCREWS, THE MOUNT, AND OTHER MECHANICAL COMPONENTS USED TO AFFIX THE DEVICE TO THE VEHICLE CAN LOOSEN, BREAK, AND FAIL OVER TIME WHICH CAN ALSO CAUSE THE DEVICE TO DETACH AND RESULT IN SERIOUS INJURY.

READ AND FOLLOW ALL INSTALLATION AND SAFETY INSTRUCTIONS PROVIDED IN THE GUIDE AND SUPPORT ARTICLES. REGULARLY INSPECT THE CAMERA, BOLTS, NUTS, SCREWS, THE MOUNT, AND MECHANICAL COMPONENTS TO ENSURE THEY ARE IN GOOD WORKING ORDER AND REMAIN PROPERLY AFFIXED TO THE VEHICLE.

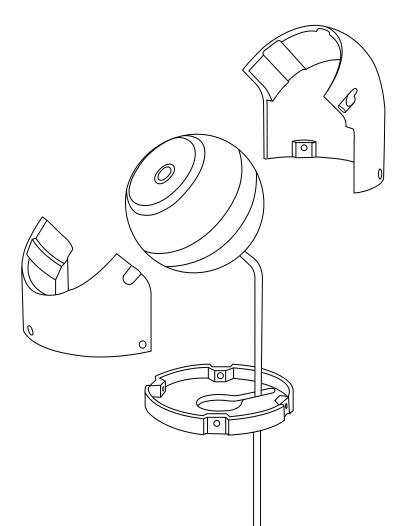
YOU ARE RESPONSIBLE FOR SECURING THE MOUNT AND CAMERA TO YOUR VEHICLE, CHECKING THE HARDWARE PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR, AND DAMAGE.

IF YOU DO NOT UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS, OR IF YOU HAVE NO MECHANICAL EXPERIENCE AND ARE NOT THOROUGHLY FAMILIAR WITH THE INSTALLATION PROCEDURES, YOU SHOULD HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL INSTALLER.

English

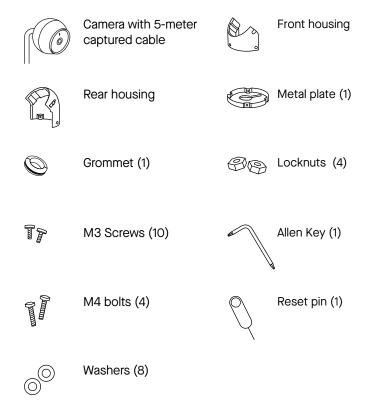
Introduction

Motive AI Omnicam is the first LTE-built side/rearview camera introduced to capture 360-degree footage of vehicles. It's an AI-enabled hardware product that provides visibility in side-swipe and rear-collision cases.



Installation Requirements: AI Omnicam

What comes in the box?



Tools required



- Power drill



Drill bits



Screwdriver with standard bits and torques bits



Step drill bit or 17mm hole saw bit



Wire stripper



Circuit fuse tap or an in-line fuse tap



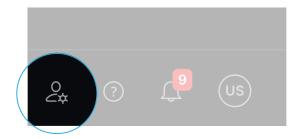
5Amp fuse for each camera

Steps: Installing Al Omnicam

- Pre-installation
- Permanent Installation

Pre-installation

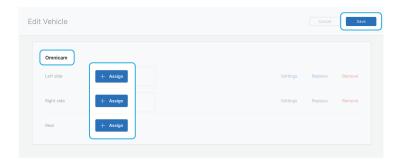
 Login to the Fleet Dashboard and click the Admin icon at the bottom left corner.



- 2. Click Vehicles from the left-hand side menu.
- 3. Click **Options** in the Action column of your vehicle.
- 4. A drop-down menu appears, click Edit Vehicle.

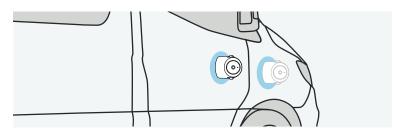


- 5. The **Edit Vehicle** screen displays, scroll down to the Omnicam section.
- Click **Assign** to enable the AI Omnicam for each mounted location.
- 7. Click **Save** at the top right corner.



- 8. Select the installation location
 - a. Left side
 - b. Right side
 - c. Rear
- 9. Once selected, identify and test the camera mount location.
 - a. For side camera installation, cowl or door is suggested.

- 10. Once selected, identify and test the camera mount location.
 - a. For side camera installation, cowl or door is suggested.

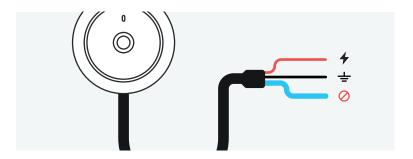


Note: If you decide to use your own custom bracket to mount to your mirrors, you choose to do so at your own risk. Motive is not responsible for any damage or bodily harm that is occurred from the use of custom brackets. Please contact Motive's support team if you have any questions or concerns.

 For rear camera installation, above roll-up style door, on top of the roof, or underneath next to the license plate is suggested.



- Note: The surface should be as flat as possible to ensure a robust connection.
- Provide temporary power to the camera using the 12V or 24V red wire and a 5Amp fuse to assess the mounting location field of view. Black wire is for ground. Do not use blue wrapped wires.



- Note: If you trim the cable more than 8 inches you would see following wires:
 - Two red wires for POWER. Twist them together to connect to either 12V or 24V source.
 - Two unshielded tin wires for GROUND. Twist them together to connect to ground.
 - 4 colored wires blue, green, yellow and orange. Do not use them and ensure they are never exposed.

What is the use of AI Omnicam's colored cables?

- 12. Download Video LAN (VLC player) app on your device
 - a. Android Google Play Store
 - b. Apple App Store
- 13. Connect your camera via WiFi to an individual camera to check its field of view before permanent installation.

SSID: Motive Omnicam < last 6 digits of S/N>

PW: 1234567890

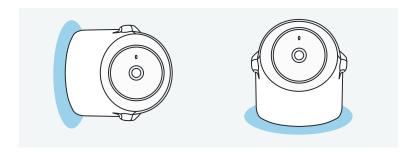


14. Once connected, Open VLC → Network Stream. Type following URL to view camera video live: rtsp://192.168.2.1/live

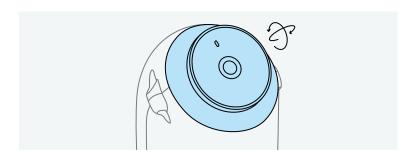


• Note: In the future, the above functionality will be available via Motive Fleet App.

15. Once connected, hold the camera with mount assembly on your selected location with the LED facing upward to check its Field of View. You do not need to tighten the mount screws for this testing.

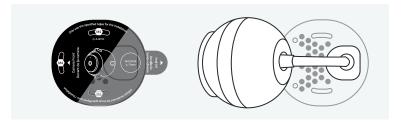


16. You can adjust the Field Of View by moving the camera around. Ensure you're getting a clear and desired view.



Permanent installation

- 1. Follow the steps from the above section.
- 2. Disconnect temporary power from the camera.
- 3. Use the alcohol wipes provided in the box to wipe the surface before installing your camera.
- 4. Remove the black sticker from the mount plate. Prior to drilling the holes, note the camera has to be pointed in the opposite direction of the grommet hole.



- 5. Install the mount plate at your selected location using the provided grommet, M4 bolts, locknuts, and washers.
- ! Note: Only use the provided hardware kit for installation. Use the mount plate slots for the provided M4 bolts, do not use the other slotted holes for installation.

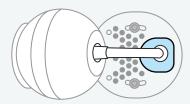
Permanent installation

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Note: Ensure that you have access to all M3 screw locations on the metal base plate

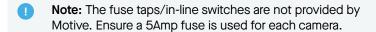


6. Route the camera cable through a metal base plate and grommet hole.



- Power the camera permanently using the 12 V or 24 V red wire. Black wire is ground.
- 1 Note: DO NOT USE wrapped blue wires. DO NOT STRIP the wrapped blue wires as it can cause a short in the device. Also, if more than 5m length is needed to connect to vehicle power, it requires an additional wire harness (suggest to use 20AWG). This is not provided by Motive.

Permanent installation



- 8. Connect the front housing of the camera mount using M3 screws. Allen key is provided to tighten these M3 screws.
- Connect the rear housing of the camera mount with M3 screws.
- Ensure the LED of the camera is facing up towards the sky before tightening the screws.
- 11. Now, check the Field of View (FOV) of your installed camera. You can untighten the screws shown below to rotate the camera within the mount to adjust the FOV.



- Once securely connected, your camera may undergo a software update that is indicated with a white flashing LED.
- 13. The LED turns solid white once the camera is updated and is ready to record.
- Note: Remove plastic protective film on the camera once installation is complete.

Safety & Privacy

The Motive AI Omnicam is a driver and fleet management aid only. It is not a substitute for safe, conscientious driving and cannot compensate for distracted, inattentive, or impaired driving. All warning and alert features provided by Motive products are for informational purposes only. No warning or alert feature provided by Motive products are intended to replace your responsibility

to observe all road and driving conditions, abide by all traffic regulations, and use safe driving judgment at all times.

Video recordings made by the Motive Al Omnicam are for personal or internal use only.

The Motive AI Omnicam uses artificial intelligence to identify animate and inanimate objects in video and images, potentially including individual persons, and the data captured by the AI Omnicam may be used in the creation and production of other Motive products and services.

In some jurisdictions it could be considered an invasion of privacy rights to take or

Note

Product was validated using suite of reliability tests that were guided by the standards below:

ISO-16750-3

ISO-16750-4

ISO 16750-5

IEC 60529

IEC 60068-2-5

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the

Safety & Privacy

user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment and RSS 102 RF exposure compliance requirements. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by Motive could void the user's authority to operate this equipment.

This device contains license-exempt transmitters / receivers that comply with Part 15 of the FCC Rules and with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Troubleshooting

855-434-3564

support@gomotive.com help.gomotive.com

Resources



Scan this code or visit **gomotive.com/omnicam-install** for detailed information and recommendations on installing and assigning your AI Omnicam.