

MiTAC K245

CAMERA INSTALLATION GUIDE



Key Features



Dual Cameras

Comes with two cameras – one for the road and one facing the driver (built-in).



Independent Lenses

Both cameras can be adjusted separately for optimal viewing.



MiTAC K245



Constant Connectivity

Features a built-in 4G LTE connection to maintain uninterrupted connection at all times.



Secure Storage

Stores videos on both the SD card and the Cloud for extra safety.



Tamper Resistant

Built to be tamper-proof and protect the vehicle battery from draining.

This guide describes how to install the Dual-Facing AI Dashcam.

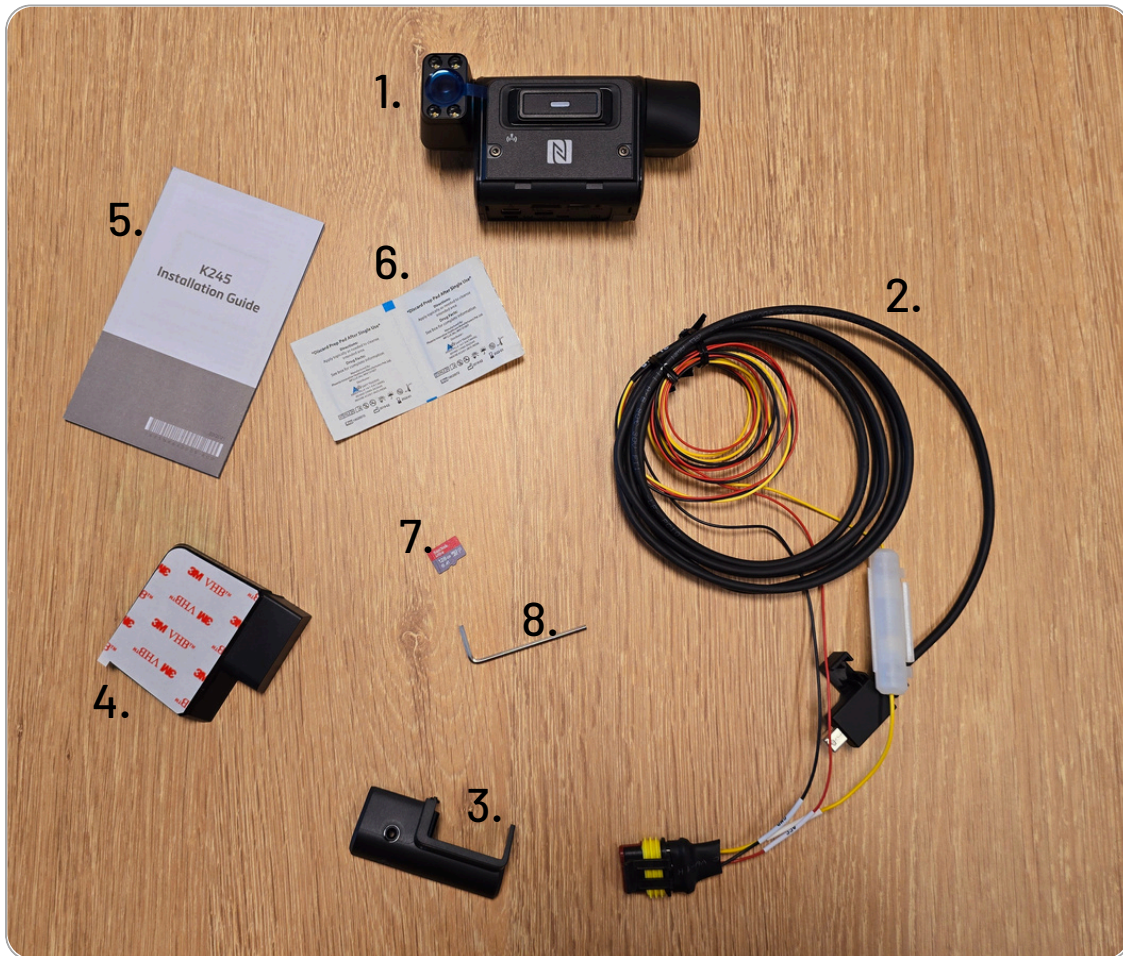
Please follow the installation instructions below.

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Before You Begin

Go through the box and check if you have received all the following items.



1. K245 Camera (x1)
2. Power harness
3. Tamper proof cover/lid
4. Mounting bracket
5. User guide
6. Alcohol wipes
7. SIM
8. Allen key

Pre Installation Checks

Before you begin the physical installation of your dashcam, performing these pre-installation checks is crucial. Taking a few minutes now to verify these points will save you time later and ensure a successful and reliable camera setup.

1

Vehicle and Environment

Compatibility: Ensure that the vehicle can supply the specified power to the camera through the OBD2 port or 3 wire cable. Refer to the wiring section of this guide for more information.

Network Coverage: Make sure your vehicle is parked outdoors, typically open parking lot, with good connectivity and at least 25 meters of clear line of sight in front of the vehicle.

Clean Windshield: The position where the mounting bracket is affixed on the windshield should be clean, and free from any obstructions, such as wipers, stickers, or dirt. Check the mounting section for more information.

2

Device and Power

Camera Provisioning: Before you start, ensure that the dashcam is provisioned on the fleet portal. **If the green LED light blinks every 15 seconds—this indicates that it has been provisioned and is connected to the internet.**

If you observe a blinking cyan LED, it indicates that camera has not been provisioned on the fleet portal. If you observe a blinking blue LED, it indicates that the camera does not have connectivity.



Power Source: **Make sure** your vehicle's power source is working and has the correct voltage.

SIM Activation: Make sure that the SIM card is active, inserted properly, and has a data plan.

Installing the Camera

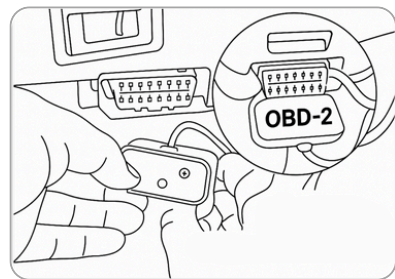
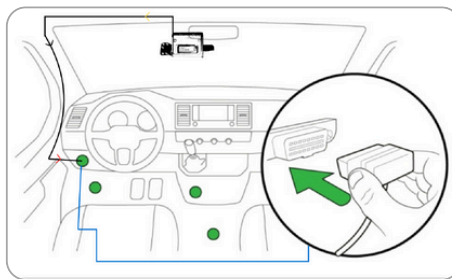
Power Connection

The camera needs to be connected to a power source using either a **3-wire fuse box connection** or an **OBD-2 harness**.



Connect to OBD 2 Port:

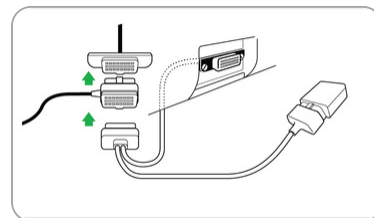
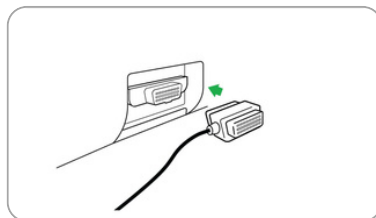
Locate the OBD-II port in your vehicle, usually found under the dashboard or steering column.



Secure Connection:

Plug the harness securely into the port.

If the port is being used by another device, contact Support to order a Y-splitter, so that you can connect both the devices to the OBD2 port.



Ignition On:

- Turn on the vehicle's ignition and wait 10 seconds for the camera to boot up.
- During the boot up, the camera will blink cyan colored LED for 15 seconds. If it continues to blink cyan even after a minute, please check the portal to ensure that the camera is provisioned correctly and it has internet connectivity.

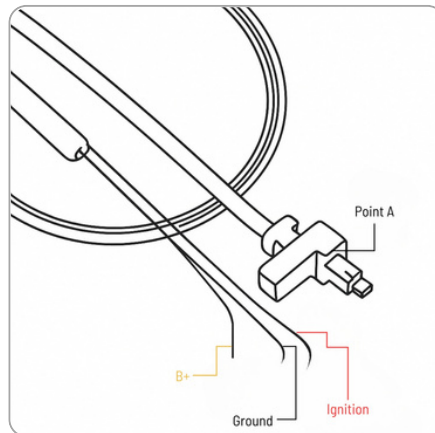
Audio Confirmation:

A single beep will sound to indicate a proper power connection. The camera will also announce that the trip has started.

Disclaimer: If you are using another telematics device, you will need a Y splitter to connect both the dashcam and the telematics unit at the same time.



Connect using the 3-wire:



Initial Hookup:

Make sure the engine is off, connect the mini display port connector (point A) of the harness to the matching connector on the camera. Make sure that the connector lock latches into place. The other side of the harness has three wires: ACC (red), Power/B+ (yellow), Ground/GND (black)

Engine Off:

Ensure the vehicle ignition and engine is turned off before you proceed.

Red Wire (Ignition):

Connect the red wire to an ignition line or ACC.

Yellow Wire
(Constant
Power B+):

- Find a constant 12-24 V power source. Please use a multimeter to verify the ascertain the rated voltage.
 - Connect the yellow wire to the identified continuous power source.
-

Black Wire
(Ground):

Connect the black wire to a factory bolt or a spare ground lead. Use chassis ground only in light vehicles—do not use it in light or heavy duty trucks.

Final Step:

Turn on the vehicle ignition and wait 2 minutes. The LED would blink cyan, blue, and then green.



Mounting the K245 Camera

1

Remove the Panel:

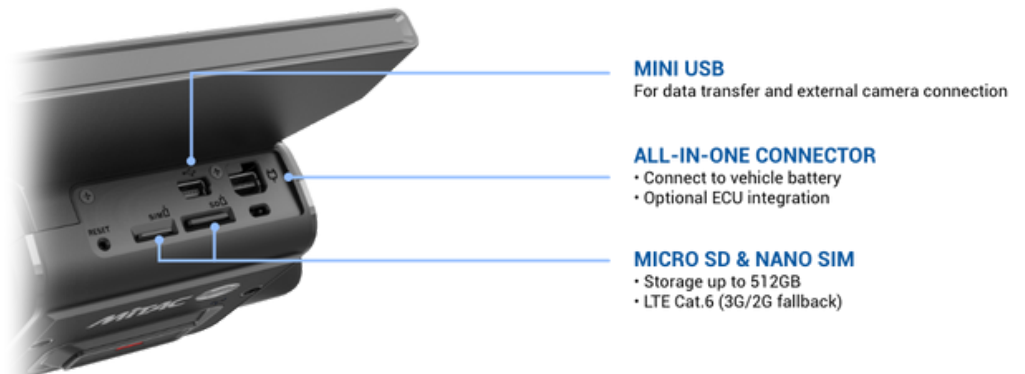
- Hold the camera upright, keeping the logo (panic button) facing cabin/driver.
- Loosen the screws shown below to reorient the driver and road and lock it in place. The two screws should remain attached to the panel.



2

Insert a New SD Card:

- Verify if the camera already has an SD card.



- Find the SD card slot, which is located below the SIM card slot.
- Insert the new SD card by pushing it into the slot until you hear and feel it click into place.
- If the camera already has an SD card, gently press on it to release and remove it and then insert a new card.

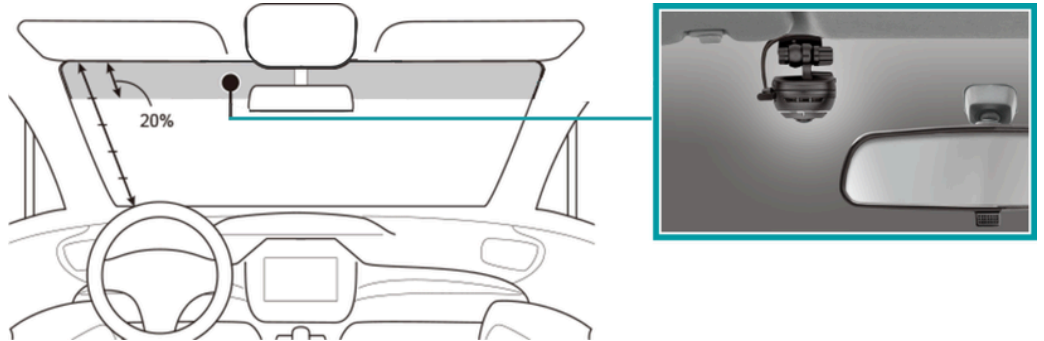
Disclaimer: Having a SD card is essential for storing video footage captured during each trip. This ensures that critical events or incidents are recorded and can be reviewed **later.**)

3

Choose Where to Mount the Camera:

Sit in the driver's seat and pull down both sun visors.

Hold the camera in the recommended shaded area on your windshield, making sure that:

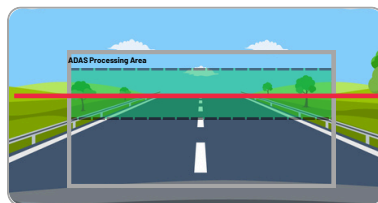


- It doesn't block the driver's view.
- The sun visors and rearview mirror don't block the driver facing camera lens.
- The sunstrip doesn't block the road-facing camera or expose it to too much heat.
- The camera should be mounted on the driver's side of the rear view mirror.

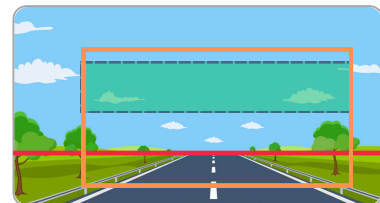
4

Adjust the Road-Facing Camera:

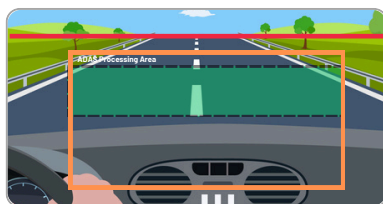
- Reorient/pitch the lens up or down to give the camera a clear view in front of the vehicle.
- Red line below is only indicator of the horizon line in the camera field of view.



Perfectly aligned



Camera has too much sky



Camera has too less sky

5

Adjust the Driver-Facing Camera:

- Reorient the driver camera lens such that the camera has a clear and an unobstructed view driver's face and torso.
- Mount the camera on the driver's side of the rearview mirror.
- Center it on the driver's seat.
- The camera should be mounted towards the top edge of the windshield just above the wiper zone. Please ensure you follow the local regulations.
- Make sure the head rest on the driver's seat is visible in the top quarter of the camera preview.
- Position the driver's face within the recommended zone shown in the guide.
- Make sure the seat belt on the driver's torso is clearly visible to the camera field of view.
- **Position the camera for a full-frontal or near-frontal view of the driver, instead of a side view.**



6

Clean the Windshield:

- Use the provided alcohol wipes to clean the area on the windshield where the mounting bracket is to be affixed.
- Let it air dry for 60 seconds, then wipe it dry with a cloth.

**Mount the Camera:**

- Make sure the windshield is between 50°F and 80°F (10-26°C) so the adhesive will stick properly.
 - Remove the protective film from both camera lenses.
 - Place the camera and look for the horizon, if the placement is correct, remove the 3M sticker from the bracket.
 - Stick the bracket to the windshield and press firmly for 30 seconds.
-

**Lock the Road-Facing Camera:**

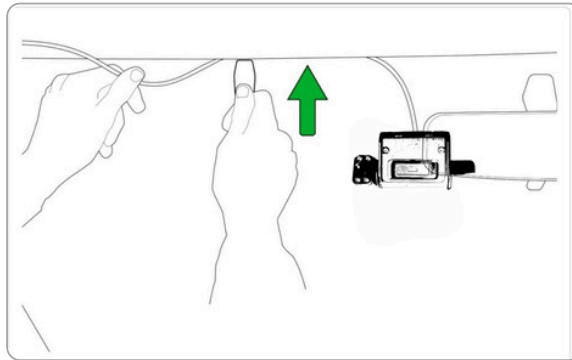
- Slide the camera to the left to detach it from the bracket.
 - Use the provided screwdriver to secure the road facing cameras at the chosen orientation/pitch.
 - Slide the camera back onto the bracket until it is latched in.
-

**Lock the Driver-Facing Camera:**

- Reattach the side panel.
 - Tighten the two screws with the provided screwdriver.
-

Important: Attach the tamper-proof cover to the camera and tighten the locking screw with the Allen key (included in the box).

Wiring & Harness Management



- 1

Conceal the Harness:

Ensure the harness is properly tucked inside the top trim.

- 2

Use the Provided Tool for Routing:

Utilize the tool provided with the camera to neatly route the harness along the headliner and A-pillar.

- 3

Follow the Harness Path:

Guide the harness along the side or behind the interior panels towards the power source.

- 4

Secure Excess Wiring:

Use the wire ties to fasten any excess/loose harness.

- 5

Prioritize Safety:

Verify that no part of the harness comes in the way of normal vehicle/driver function .



Connecting & Testing the Camera

- 1 **Start the Vehicle:** Turn on the vehicle's ignition.
- 2 **Check the LED Light:** Wait for one minute and observe the camera's LED. A green LED blinking every 15 seconds indicates that the camera is functioning correctly.
- 3 **Listen for Alerts:** Ensure that you can hear audible alerts from the camera.

Final Checks & Troubleshooting

- 1 **Ensure Clear Visibility:** Confirm that the camera has a clear and unobstructed view of both the road and the driver field of view. Remember to remove the protective film from both camera lenses.
- 2 **Verify Network Connectivity:** Check for a green LED light blinking every 15 seconds, which confirms that the camera is connected to the network.
- 3 **Confirm Recording:** Verify that the camera is recording correctly. Press the panic button to capture media and listen for the audible alert. Wait for a minute and then check with your fleet manager or back office to confirm that they can view the video or image on the fleet portal.
- 4 **Check Camera Alignment:** Ensure that the camera lens is oriented correctly. Make any necessary adjustments, if needed.

Completing the Installation

- 1 **Secure the Camera:** Ensure the camera is firmly mounted and fastened in place.
- 2 **Brief the Driver:** Explain the system's operation to the driver.

Contact your service provider for any further assistance.