# User Guide

# 4K Dual Car Dash Camera

## (Front and Rear)

KADCAM71FRA

# Components

Dash Camera

Rear Camera

12V Car Charger

Hardwire Kit

User Guide

# Overview


| | |
|---|---|
| 1 | USB power input |
| 2 | SD card slot |
| 3 | Rear camera (AV) input |
| 4 | Reset button |
| 5 | Power button |
| 6 | MODE/Menu button |
| 7 | Up button |
| 8 | Down button |
| 9 | OK button |
| 10 | Display |
| 11 | Indicator |
| 12 | Front Facing camera |
| 13 | 3M Adhesive |

# Before First Use

1. **Formatting the Memory Card:**

Before inserting the microSD card into the dash camera, format it using a computer. Formatting ensures compatibility and optimises performance. Regular formatting is recommended to maintain storage integrity.

**Note:**

Back up any important files before formatting, as this will erase all data on the card.

2. **Inserting the Memory Card:**

- Once formatted, insert the microSD card into the memory card slot, following the direction indicated by the notch prompt on the device.
- Press the card in until it clicks into place. The dash camera requires a high-speed microSD card (Class 10 or higher) for video storage.

3. **Power-On Operation:**

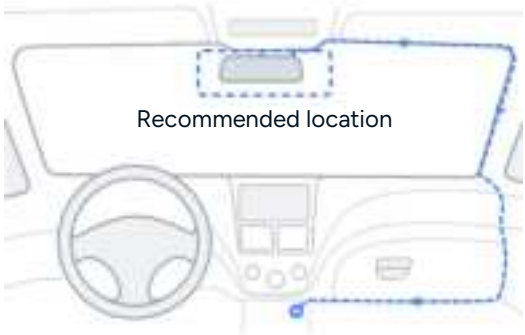
The dash camera automatically powers on and begins recording when connected to a power source. Always stop recording before adjusting menu settings.

**Warning:**

Ensure the dash camera is powered off before inserting or removing the microSD card to prevent damage to the device or the memory card.

# Installation

1. Turn off the vehicle engine before installation.
2. Insert a high-speed microSD card (Class 10 or above, minimum 16GB) into the memory card slot. Format the memory card using the dash camera before first use.
3. Peel the adhesive backing from the camera and attach it securely to the vehicle's central windshield. Ensure the installation does not obstruct the driver's view.
4. Adjust the camera lens angle to ensure it captures both the road ahead and a portion of the bonnet. The camera should be level with the ground for optimal recording.
5. Plug the car charger into the vehicle's 12V socket (cigarette lighter).
6. Connect the dash camera to the charger using the supplied USB cable. Route the power cable along the edge of the windshield and down the vehicle's A-pillar, ensuring it is securely positioned and does not interfere with any airbag deployment areas.



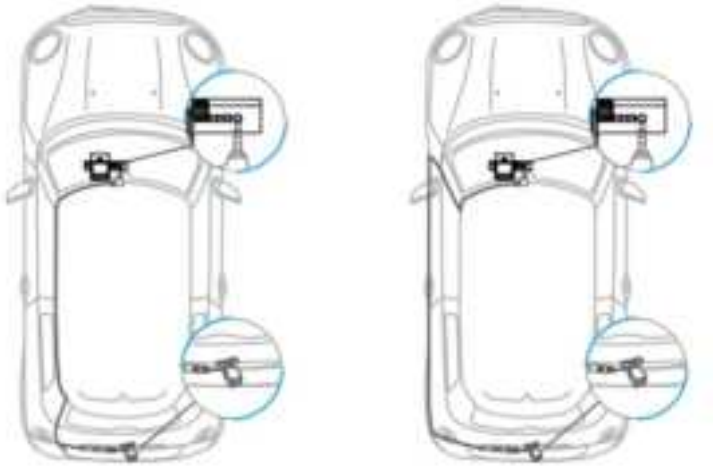

7. Start the vehicle engine and check that the dash camera powers on and functions correctly.
8. If necessary, adjust the mirror and camera angles for the best visibility and recording coverage.

**Notes:**

- When the dash camera is installed correctly, the indicator will illuminate, and the device will automatically enter video recording mode. The video recording indicator light will flash to confirm recording is in progress
- Avoid placing any wiring where it could obstruct vehicle safety features.

9. Attach the AV out connector of the rear camera to the 'AV' port of the dash camera, then route the black cable of the rear camera through the body of your vehicle to the rear of it.

10. Mount the Rear Camera to the rear of the vehicle.



**Note:**

If you aren't confident with installing the cameras or safely routing the wiring throughout the vehicle, seek the assistance of a licenced auto-electrician.

## Hardwire Kit

**Note:**

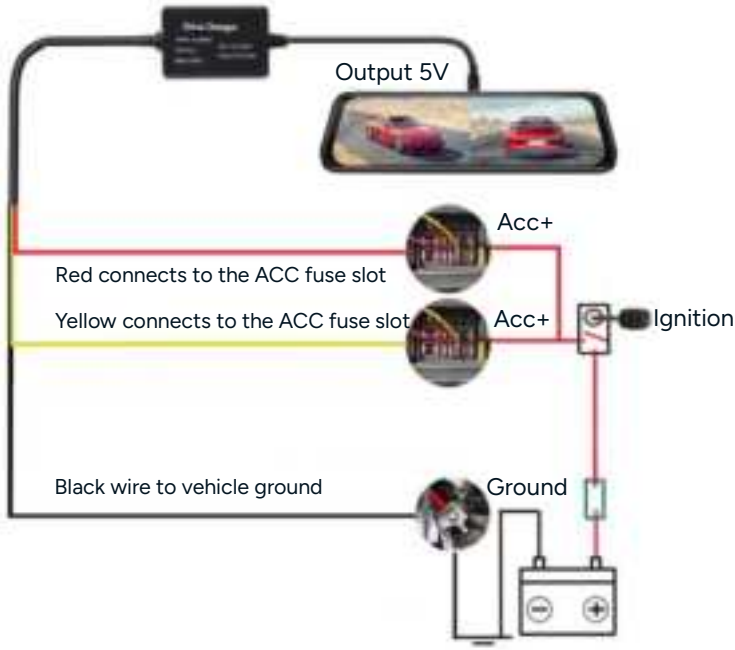
It is highly recommended to have this hardwire kit installed by a licenced auto electrician.

1. Open the fuse box. The location of the fuse box will differ depending on the car.
2. Locate the ACC+ and BAT+ fuse slots.
3. Connect the red wire to the ACC+ fuse slot. For 24-hour surveillance, connect the yellow wire to the BAT+ fuse slot. To only record when the car is on, connect the yellow wire to the ACC+ fuse slot.

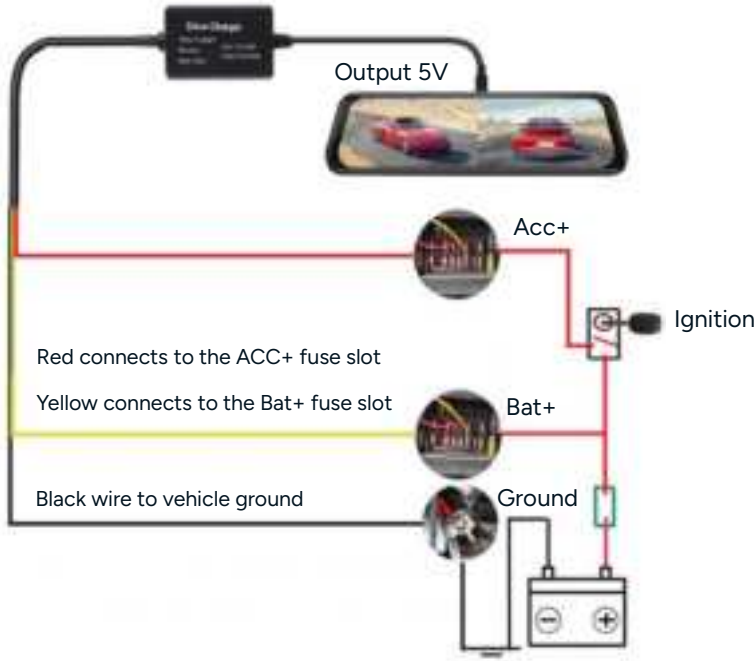
4. Connect the black wire to a ground.
5. Connect the hardwire kit to the dash camera and ensure it powers on.

**6.** Route the camera cable through the vehicle's 'A' pillar trim.

## ACC Wiring Diagram



## 24-Hour Surveillance Wiring Diagram



# Operation

| Button | Function |
| --- | --- |
| Power button | • Press to turn on, press and hold for 2 seconds to turn off.<br>• In the on state: press to switch the screen function. |
| M button (menu/mode switching) | • Press to open the menu<br>• Press and hold to switch modes |
| Up button (up/lock video/switch recording) | • During recording: Press to lock the current video function.<br>• Recording mode: Press and hold to turn recording function on/off.<br>• Menu/playback preview: Press to scroll up. |
| Down button (down/switch camera screen/snapshot) | • During recording: Press to switch between the front/rear camera.<br>• Video mode: Press to capture a still image.<br>• Menu/playback preview: Press to scroll down. |
| OK button (OK function) | • During recording:  Press to start/stop the recording<br>• Menu/playback mode: Press to confirm the function. |

## Recording Interface


| No. | Function |
|---|---|
| 1 | Audio recording status indicator |
| 2 | Recording dot; it will disappear when you stop recording. |
| 3 | Indicates that the video is currently being recorded and it will disappear automatically when the video is stopped |
| 4 | The resolution of the recorded video. |
| 5 | SD card status: A tick means that the camera has an SD card inserted, a cross means that the camera does not have an SD card inserted |
| 6 | Power/Battery indicator |
| 7 | Front camera image |
| 8 | Rear camera image |
| 9 | Date/time |
| 10 | Recording time, the text is white when recording is stopped and red when recording. |


| | |
|---|---|
| 11 | Reversing guidelines. |

## Payback Mode

| NO. | Function |
|---|---|
| 1 | If the suffix is .mp4, it means that it is currently playing back the video file page; if the suffix is .JPG, it means that it is currently playing back the picture page. |
| 2 | Press the up and down buttons to navigate the gallery. |
| 3 | Press OK to play/pause the video. |
| 4 | Press menu to enter the playback menu mode. |


| | |
|---|---|
| Volume | A total of 10 levels from 10 - 100 can be selected; the default value is 50. |
| Video type | • Normal: Store common recorded video files.<br>• Emergency situations: Store emergency-locked or manually-locked video files. |
| Recording file selection | • Front lens: There is video recorded by the front camera.<br>• Rear lens: There is video recorded by the rear camera. |
| Delete | • Delete a file.<br>• Delete all (video files, image files). |
| Protect | • Protect selected files.<br>• Unprotect selected files.<br>• Protect all files (video files, image files).<br>• Unprotect all (video files, image files). |

## Menu Settings


| | |
|---|---|
| Video resolution | 4K+1080P/2K+2K |
| Volume | A total of 10 levels from 10 - 100 can be selected; the default value is 50. |
| Recording | On (default) / Off |
| Night mode | • **Turn on:** When turned on, the night vision effect or in darker scenes will automatically increase the brightness of the front screen, making the screen clearer and more impressive.<br>• Off (default) |
| Flicker frequency | 50Hz (default) / 60Hz |
| G-SENSOR sensitivity | Close/Low (default)/Medium/High<br>**Note:** When turned on; during driving, if the car receives a collision, the current video will be automatically locked and protected, so that the important file will not be overwritten in a loop. |

| | |
|---|---|
| Parking monitoring | Close (default).<br>**High:** This function can only be realised by using the step-down line. When it is turned on, when the car is in the process of parking, when the car is bumped, it will turn on and record video for 1 minute and then automatically shut down.<br>**Low:** This function can only be realised by using the step-down line. When it is turned on, when the car is in the process of parking, when the car is bumped, it will be turned on to record for 1 minute and then automatically shut down.<br>**1 second and 1 beat:** After the car is turned off, the machine turns off the screen and enters the time-lapse video mode; that is, the machine records 1 frame every 1 second. Therefore, when watching the video, the screen plays very fast and the actual recording time of 25 minutes is recorded in 2 minutes and 30 seconds in time-lapse<br>The recording cycle time of 1 shot per second is 2 minutes and 30 seconds per segment; this function will not record.<br>**3 beats per second:** After the car is turned off, the machine will turn off the screen and enter the time-lapse video mode; that is, the machine will record 3 frames every 1 second. Therefore, when watching the video, the screen plays very fast and the actual recording time of the 8-minute video is shortened to 2 minutes and 24 seconds.<br>The recording cycle time of 3 frames per second is 2 minutes and 24 seconds per segment; this function will not record.<br>**1 second 6 beats:** After the car is turned off, the machine turns off the screen and enters the time-lapse video mode; that is, the machine records 6 frames of images every 1 second. Therefore, when watching the video, the screen plays very fast and the actual recording time of 4 minutes is shortened to 2 minutes and 24 seconds.<br>The recording cycle time of 6 shots in 1 second is 2 minutes and 24 seconds per segment; this function will not record. |
| Screen protector | Close (default) / 1 minute /3 minutes: After turning on, the machine will automatically turn off the screen without any operation. |
| Clock setting | Set system time. |
| Date format | None /YYYY MM DD (Defaults) /MM DD YYYY /DD MM YYYY: Machine video / Display mode of system time and date format on playback preview interface. |
| Language | English (default) /Simplified Chinese |
| Format SD card | Format the card? All data will be deleted YES/NO |

| | |
|---|---|
| Reset | Reset? All settings will be reset. After the reset is completed, the machine will restart YES/NO |
| Software version | Display the current version number of the software. |

## SD card Usage and Precautions

1. To ensure reliable recording, use a high-speed Class 10 (C10) SD card. Before first use, insert the card into the product and format it using the built-in formatting function.
2. After extended use, the SD card may accumulate fragmented files. It is recommended to format the card after 72 hours of continuous use to maintain optimal performance.
3. The read/write cycle lifespan of the SD card is approximately 10,000 hours under normal recording conditions.

## SD Card File Structure

| SD Card Name | File Type |
|---|---|
| Event | Store emergency-locked or manually-locked video files. |
| Normal | Store video files of ordinary driving. |
| Photo | Store captured photos. |
| Secondary folder F/R/T | **F:** Store video/pictures of the front camera.<br>**R:** Video/picture of post-recorded video.<br>**T:** For the reserved function, the file will not be stored temporarily. |
| Parking/Share | For the reserved function, the file will not be stored temporarily. |

# Notes

**Need more information?**

We hope that this user guide has given you the assistance needed for a simple set-up.

For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **help.Kogan.com**.