

# 70mai Dash Cam 4K Omni User Manual



Scan the QR code and email  
us at [help@70mai.com](mailto:help@70mai.com)



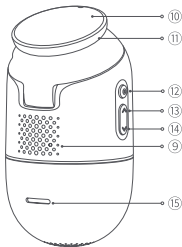
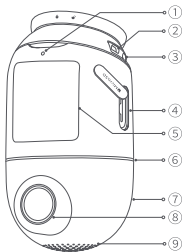
View the User guide for  
product functions and FAQs.

70mai

## Product overview

Please read this manual carefully before using the product and keep it in a safe place.

### Dash cam



- |                          |                      |
|--------------------------|----------------------|
| ①. Microphone            | ⑨. Ventilation holes |
| ②. Rear camera port      | ⑩. Adhesive sticker  |
| ③. Power port            | ⑪. Mount             |
| ④. Memory card slot      | ⑫. Power button      |
| ⑤. Display screen        | ⑬. Up button         |
| ⑥. Round-shape indicator | ⑭. Down button       |
| ⑦. Rotating lens         | ⑮. Speaker           |
| ⑧. Camera                |                      |

### Package contents

- |                   |                                              |                              |                         |
|-------------------|----------------------------------------------|------------------------------|-------------------------|
| 1. Dash Cam × 1   | 3. Car charger × 1                           | 5. Adhesive sticker × 1      | 7. Wiring trim tool × 1 |
| 2. Power cord × 1 | 4. Mount (pre-installed on the dash cam) × 1 | 6. Electrostatic sticker × 2 | 8. User manual × 1      |

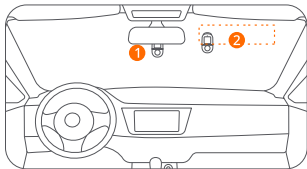
Note: Illustrations of the product, accessories, and user interface in the user manual are for reference purposes only. The actual product and functions may vary due to product enhancements.

# Installation

## 1. Selecting mounting position

Mount the dash cam on either of the recommended positions of the front windshield as appropriate: ①. Near the center of rearview mirror; ②. On the front of the passenger seat.

Note: Make sure the camera is below the level line of the rearview mirror.

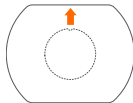


## 2. Installing the electrostatic sticker

Paste the electrostatic sticker on the selected position, with the gap image facing upwards. Press the sticker to remove air bubbles out.

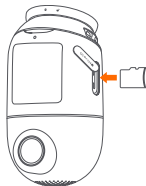
Avoid the edge of the windshield and select the flat and smooth area for the installation.

Note: Keep windshield clean and dry without liquid residue to prevent the sticker from losing adhesion and dash cam from dropping.



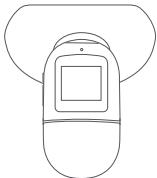
## 3. Installing the memory card

Open the cover of the memory card slot. Insert the memory card into the slot, with its contacts side facing away from the display screen. And then close the cover.



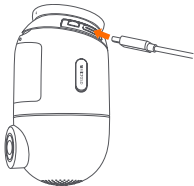
#### 4. Installing the dash cam

Paste the dash cam on the electrostatic sticker. Make sure the gap on the adhesive sticker aligns with that on the electrostatic sticker, and the display screen faces the vehicle interior.



#### 5. Connecting the power cord

Connect the dash cam and car charger with the power cord.

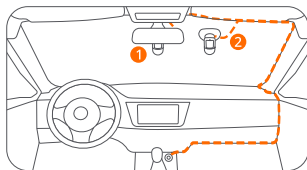


#### 6. Routing cable

Route the power cord to the vehicle's power outlet and plug the car charger into the power outlet. Start the car engine, and the dash cam will automatically turn on.

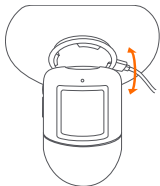
Notes:

- Use the included wiring trim tool to hide the power cord underneath the vehicle's headliner and rubber seal along the A-pillar.
- Depending on the vehicle, the power outlet may be located in a different position. The provided figure is for reference only.



## 7. Adjusting the dash cam angle

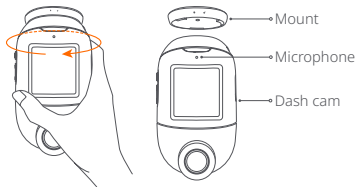
Adjust the dash cam angle based on the preview screen.



## Installing/uninstalling the mount

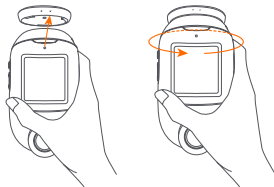
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### Uninstalling the mount



Hold the dash cam and screw it clockwise, and then the dash cam will separate with the mount.

### Installing the mount



1. Align the microphone with the icon  on the mount, and the dash cam is inserted to the mount.
2. Hold the dash cam and screw counterclockwise until the microphone is aligned with the icon  on the mount, and then the dash cam is tightened up with the mount.

## Connecting with the 70mai app

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This product needs to be used in conjunction with the 70mai app. Follow the steps below to connect it with the app.

1. Scan the QR code to download and install the app. Or search for "70mai" in the app store to download and install it.



Scan to download the app

2. Open the app, tap "+" in the device page, find the corresponding dash cam type and tap the dash cam image.
3. Turn on the dash cam and enable the Wi-Fi hotspot. Follow the on-screen instructions to confirm the authorization. And then the dash cam is added.
4. Go back to the 70mai app. In the device page, connect the dash cam Wi-Fi hotspot and enter the dash cam's homepage. You can view the live video and configure the dash cam settings.

Notes:

- For some dash cam models, the Wi-Fi hotspot is enabled by default.
- Android 5.0 & iOS 11.0 or above is required to connect to the dash cam's Wi-Fi hotspot with a mobile phone. As mobile phone operating systems continue to be updated, the minimum requirements for Android and iOS systems may also increase.

If you need more help when connecting the app, please scan the QR code below to view the tutorial video.



Scan to view the video

## Accessories (optional)

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The rear recording function of this product needs to be used with a rear camera. Scan the QR code to obtain the user guide for the rear camera.

Note: To avoid the rear camera malfunction due to device incompatibility, it is recommended to use a rear camera from 70mai brand.



## Button functions

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| Button type  | Operation                                                                                                         | Function                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Power button | Press once when the dash cam is turned off.<br>Note: The dash cam should be connected with external power source. | Turn on the device.                        |
|              | Press once on the quick control panel or menu page.                                                               | Confirm your selection.                    |
|              | Press twice on the home page.                                                                                     | Record an emergency video.                 |
|              | Press and hold for about 3 seconds.                                                                               | Turn off the device.                       |
|              | Press and hold for about 15 seconds.                                                                              | Force shutdown the device.                 |
| Up button    | Press once on the home page.                                                                                      | Go to the end of the quick control panel.  |
| Down button  | Press once on the home page.                                                                                      | Go to the start of the quick control panel |

## Voice control

Control your dash cam with voice commands. The supported languages are English, Italian, Japanese and Mandarin (when the dash cam's broadcast language is Traditional Chinese). The voice commands are as follows:

| Voice command                  | Function                                                                                     |
|--------------------------------|----------------------------------------------------------------------------------------------|
| Take photo                     | Dash cam will take a photo.                                                                  |
| Record video                   | Dash cam will record an emergency video.                                                     |
| Record audio                   | Dash cam will record audio and video.                                                        |
| Turn off audio                 | Dash cam will not record audio but only video.                                               |
| Enable hotspot                 | Dash cam's Wi-Fi hotspot will turn on.                                                       |
| Disable hotspot                | Dash cam's Wi-Fi hotspot will turn off.                                                      |
| Switch front view <sup>1</sup> | The real-time image on the home page will switch to front view.                              |
| Switch rear view <sup>1</sup>  | The real-time image on the home page will switch to rear view.                               |
| Capture left                   | The rotating lens will rotate to the preset fixed angle on the left and continue to record.  |
| Capture right                  | The rotating lens will rotate to the preset fixed angle on the right and continue to record. |

| Voice command  | Function                                                                                                          |
|----------------|-------------------------------------------------------------------------------------------------------------------|
| Capture inside | The rotating lens will rotate to the preset fixed angle inside of the vehicle and continue to record.             |
| Camera reset   | The rotating lens will rotate to the preset start position <sup>2</sup> .                                         |
| Take selfie    | The rotating lens will rotate to the preset angle inside of the vehicle and take a photo when the countdown ends. |
| Shoot vlog     | The rotating lens automatically rotates one circle horizontally to capture a panoramic video.                     |

Notes:

1. To use those voice commands, make sure a rear camera is installed and connected correctly with the dash cam.
2. The start position can be adjusted. Connect the dash cam with the 70mai app and adjust it in the dash cam settings, following the on-screen prompts.
3. When the dash cam is connected with the 70mai app, voice control is not supported.

## Precautions

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Before using this dash cam, please read all the precautions and user guide to ensure correct and safe use.

- This dash cam is a driving aid designed to record external images of the vehicle. And it does not have the function of ensuring the user's driving safety. Users must abide by local traffic rules and regulations and take driving safety as a priority consideration. Do not operate this product while driving.
- Due to differences in vehicle conditions, driving style, driving environment, and other factors, some functions may not work properly. A power failure, usage in environments outside the normal operating temperature or humidity range, a collision, or a damaged memory card may cause the dash cam to function abnormally. There is no guarantee that this dash cam will function normally under all circumstances. Videos recorded by this dash cam are for reference purposes only.
- Please install this dash cam correctly, and do not block the driver's line of sight, or block the vehicle's airbag, in order to avoid product failure or personal injury.
- If the front windshield where the dash cam is installed is covered with colored automotive film, it may affect the video recording quality or cause video distortion.

If metallic film is applied to the front windshield, it may lead to a decrease in GPS signal quality for dash cam models equipped with built-in GPS modules.

- Avoid collisions or forceful jolts to the dash cam, otherwise the product may malfunction. Keep this dash cam away from any strong magnetic fields.
- Never use chemical solvent or detergent to wash the dash cam.
- Do not use this dash cam in environments with temperatures over 60°C or below -10°C.
- When the dash cam has been operating for a period of time, the temperature of the outer casing will rise, so use caution when touching it.
- Please only use this dash cam within the scope permitted by law.

### Safety information

- Please use the included car charger, power cord, and other accessories in order to avoid product failure due to non-conformance. We shall not be held liable for any loss or damage caused by the use of a non-genuine car charger or power cord.
- If you use power adapter to charge the dash cam, only

use the power adapters that comply with the local safety standards or certified and supplied by qualified manufacturers.

- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- This device is equipped with a built-in lithium metal battery that cannot be removed or replaced. Do not disassemble or modify the battery by yourself.
- Replacement of a battery with an incorrect type can defeat a safeguard (for example, in the case of some lithium battery types).
- The dash cam and its accessories may contain small parts. To avoid choking or other hazards or damages caused by the children, keep the dash cam out of the reach of children.

### Memory card instructions

- A memory card (sold separately) must be installed in the dash cam before use.
- The dash cam supports standard microSD cards. Please use memory cards with capacity of 32GB ~ 512GB and

rating of U3 (UHS-3) or higher.

- The default file partition format of the memory card may be inconsistent with the format supported by the dash cam. When inserting the memory card for the first time, please format it in the dash cam before use. Formatting the memory card will delete all files on the card. Please back up important data to another device beforehand.
- The memory card may become damaged or deteriorated after repeated cycles of overwriting, and this may affect its ability to save video and image files. If this occurs, immediately replace it with a new memory card.
- Please use a high-quality memory card purchased from a reputable vendor. Inferior memory cards may have issues such as actual reading/writing speeds that do not match the stated speeds, and an actual storage capacity that does not match the stated storage capacity. We shall not be held liable for lost or damaged videos caused by the use of a low-quality memory card.
- Do not insert or remove a memory card while the dash cam is turned on.

## Specifications

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Product: Dash Cam

Model: X800

Input: 5V  $\equiv$  2A

Resolution: 3840  $\times$  2160

Lens: FOV146°/ F1.7

Power supply: Car cigarette lighter

Item dimensions: 57.46  $\times$  60.7  $\times$  106.8mm

Wireless connectivity: Wi-Fi IEEE 802.11a/b/g/n/ac/ax  
2.4GHz & 5GHz, Bluetooth 5.3

Wi-Fi operation frequency: 2400-2483.5MHz & 5150-5825MHz

Wi-Fi maximum output:  $\leq$  20dBm

Bluetooth operation frequency: 2400-2483.5MHz

Bluetooth maximum output:  $\leq$  10dBm

## Regulatory compliance information

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### WEEE information



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

### EU declaration of conformity



The manufacturer hereby, declares that this equipment is in compliance with the applicable Directives and European Norms, and amendments.

The full text of the EU declaration of conformity is available at the following internet address:

<https://help.70mai.asia/1193.html>



Hereby, 70mai Co.,Ltd. declares that the radio equipment type X800 is in compliance with Radio Equipment Regulations 2017. The full text of the UKCA declaration of conformity is available at the following internet address: <https://help.70mai.asia/2145.html>

### **ISED compliance statement**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **ISED Radiation Exposure statement**

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This

equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

IC: 28033-X800

CAN ICES-003 (B) / NMB-003 (B)

### **FCC**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 user is encouraged to try to correct

the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. 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.

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

FCC ID: 2AOK9-X800



V1.0-20240809

Service: [help@70mai.com](mailto:help@70mai.com)

For further information, please go to [www.70mai.com](http://www.70mai.com)

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