

70mai Dash Cam 4K M800 User Manual



Warning

- If an accident occurs, turn off the dash cam in a timely manner to prevent the recorded video files from being overwritten.
- This manual is applicable to 70mai Dash Cam model: M800-2.

70mai

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70mai® is committed to continuously improving its products and enhancing user experience. The actual appearance of the device and the 70mai app may look different from what is in the manual. If so, scan the QR codes below to get tuned into the latest updates.

After-Sales Service



Scan and email us at: help@70mai.com

Online Guide



Scan to view the online guide.

Safety Information

- Read this manual carefully before use. Keep it for future reference.
- This dash cam is an image and videos recording devices; it **DOES NOT** enhance driving safety. Videos recorded are for reference only.
- **DO** follow all applicable local traffic rules and regulations. In particular, **DO NOT** operate this cam while the vehicle is mobile.

Installation/Wiring

- **ONLY** install the cam as instructed. To avoid possible property damage or personal injuries, be careful not to position it as to block the driver's view or be in the way of the air bag.
- To avoid product malfunctions caused by unqualified products, **ONLY** use the supplied accessories such as the car charger and power cord. 70mai is not liable for any loss or damage caused by the use of a non-original car charger or power cord.

Operation Safety

- Do not operate this product, stare at the screen to operate the app, or engage in other legally prohibited operations while driving. Make sure to park in a safe location before proceeding with the operation.
- Due to differences in vehicle conditions, driving styles, road conditions, and other factors, some functions of the cam may not work properly. Power failure, use in environments outside the normal operating temperature or humidity range, collision, or 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.
- Note that colored windshield films may affect the imaging quality of the cam.
- Do not disassemble, repair, or modify this product and its accessories. Doing so may cause accidents, fires,

electric shock, and malfunctions.

- Do not block the vents of this product. Internally generated heat, if not dissipated timely, may lead to fire or malfunction.
- Handle the cam with care; do not drop it or subject it to sudden movement. Keep the dash cam away from any strong magnetic fields.
- Do not use chemical solvents or cleaning agents to clean this product.
- After the product works for a period of time, its shell will become hot. Be careful when handling it.
- This product is not a toy. Its small components may cause suffocation or other injuries. Thus, keep the product out of the reach of children.
- Use this dash cam at a temperature between -10°C and 60°C .
- **ONLY** use this cam following all local codes and regulations concerning the lawful use of video recording and imaging devices.

Electric Safety

- **ONLY** use adapters that comply with the input power of the cam.
- Do not disassemble, impact, or squeeze the product, or throw it into fire. Doing so may cause an explosion.
- Do not dispose of the cam in household waste. Comply with applicable national regulations for safe disposal of used electronics.

Embedded Multi Media Card

The eMMC (Embedded Multi Media Card) is built in the dash cam for storage. And the storage capacity is 128GB. You can find the capacity information on the label of the product box.


Cam Recording Time

Embedded Multi Media Card	Front-View Recording	Rear-View Recording
128 GB	About 7 hrs.	About 5.5 hrs.

The time lengths listed in the preceding table are obtained with the following settings:

- Video resolution (page 36): 3840 x 2160 HDR
- Video encoding format (page 35): High compression
- Audio recording (page 41): Enabled
- Each type of video is rewritten in chronological order and partitioned without interfering with each other.
- If you want to save a video, download it to your smartphone via the 70mai app to prevent it from being overwritten.

GPS Signal Receiving

- If you are using this product for the first time or have not used it for a long time, it may take a few minutes to complete GPS positioning. You can check icon  on dash cam main interface on the app screen to determine whether positioning is successful.
- Location information may not be recorded in places where GPS signals cannot be received (such as tunnels).
- There may be deviations in the location information, depending on the specific location.
- Some windshield and window films, like those containing metal, may interfere with the signal reception of the cam in-built GPS module.

About Radio Wave

Wireless Connectivity: Wi-Fi IEEE 802.11 a/b/g/n 2.4GHz & 5GHz, Bluetooth® 5.2

Wi-Fi Operation Frequency: 2400-2483.5MHz & 5170-5835MHz

Wi-Fi Maximum Output: ≤ 20dBm

Bluetooth Operation Frequency: 2400-2483.5MHz

Bluetooth Maximum Output: $\leq 10\text{dBm}$

GPS Operation Frequency: L1 1575.42MHz

GLONASS Operation Frequency: L1 1602MHz

Battery Safety

- The product contains a lithium battery. **DO NOT** disassemble, smash the product or subject it to excessive heat, as this could result in explosion.
- The battery is non-removable. **DO NOT** attempt to replace or repair it. If replacement is required, **ONLY** have it replaced by a professional with the same model.
- When the battery is removed, keep it out of the reach of children. The battery, if ingested, can cause death or serious injuries. If swallowed, it can cause internal chemical burns in as little as 2 hours. Seek immediate medical attention if the battery is suspected to be swallowed or inserted inside any part of the body.
- Do not use the product in extreme weathers. Temperatures that are too low or too high may cause the battery to explode or give off flammable gas or liquid.
- Dispose of the cam following all local and national regulations on electronic waste disposal.
- This device is not a toy. Some of its small components may pose risk of suffocation to children. Keep it out of the reach of children.

Packing List

Unpack the box and check if you have all the items listed below. Keep the packaging material in case of return or after-sale service.

- Dash Cam $\times 1$
- Power Cord $\times 1$
- Car Charger $\times 1$
- Bracket $\times 1$
- Heat-Resistant Adhesive $\times 1$
- Dash Cam Electrostatic Sticker $\times 2$

- Wiring Trim Tool × 1
- Dash Cam User Manual × 1
- Rear Camera × 1
- Rear Camera Cable × 1
- Rear Camera Electrostatic Sticker × 2
- Rear Camera User Manual × 1



Dash Cam



Power Cord



Car Charger



Bracket



Heat-Resistant
Adhesive



Dash Cam
Electrostatic Sticker



Wiring Trim Tool



Dash Cam
User Manual



Rear Camera



Rear Camera
Cable



Rear Camera
Electrostatic Sticker



Rear Camera
User Manual

Optional Accessories

To use the parking security function, purchase a 70mai Hardwire Kit (Midrive UP03/Midrive UP04/Midrive UP05). For the operation guide of the kit, scan the QR code or visit: <https://help.70mai.asia/1472.html>.

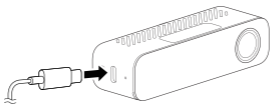


For more instructions on the rear camera, go to the same site by scanning the QR code and scroll to find model Midrive RC14.

Initial Check and Setup

Do perform the initial check and setup before installing the cam.

1. Park the car in a safe and flat area, apply the parking brake, and turn off the engine.
2. Connect the supplied power cord to the power port, and connect the dash cam to the cigarette lighter socket of the car.



3. Start the car.
The dash cam automatically turns on and broadcasts to connect to the app. The indicator is in steady blue.
4. Connect the dash cam to the 70mai app, set the applied area and walk through the beginner's guide. Refer to "**Connecting Dash Cam to 70mai App**".

Notes:

- If the icon **REC** is displayed on the dash cam main interface, and the ● (red dot icon) is flashing, the cam is up and running.
- Turn off the engine, apply parking brake, disconnect the power cord from the dash cam and cigarette lighter socket.

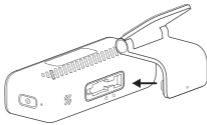
Refer to "**Device Installation**" to install the dash cam.


Device Installation

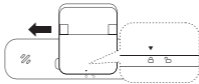
Again, **ONLY** install after you have performed the "Initial Check and Setup".


Installing the Bracket

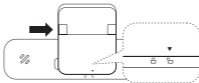
1. Ensure that the adhesive sticker is facing upwards, and then insert the bracket clip into the mounting hole.



2. Push the bracket to the left until the triangle icon is aligned with , indicating the bracket installation is complete.



3. If you need to disassemble it, push the bracket to the right until the triangle icon on the bracket is aligned with . Then the dash cam can be removed.



Installing the Dash Cam

1. Clean the installation surface of the front windshield, and attach the supplied electrostatic sticker to the installation position of the dash cam.

Recommended installation area



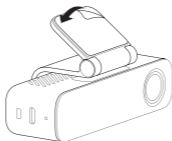
Cautions:

- Remove dirt and grease from the installation position to avoid poor adhesion.
- Attach the electrostatic sticker to the recommended installation area on the front windshield. Carefully press the sticker to remove bubbles.
- Install at a position that does not obstruct the driver's

view and avoid the edge of the windshield.

2. Peel off the release liner from the double-sided tape on the bracket, and then stick the dash cam onto the electrostatic sticker on the front windshield.

Note: Ensure the dash cam's camera faces outward from the vehicle.



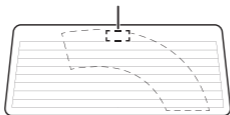
3. Press the dash cam against the attached electrostatic sticker to secure the dash cam.

Note: The adhesion takes some time to stabilize. Therefore, keep it still for a while.

Installing the Rear Camera

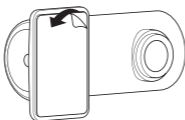
1. Clean the installation surface of the rear windshield, and attach the supplied electrostatic sticker of the rear camera to the installation position of the rear camera.

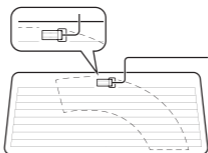
Recommended installation area of the rear camera



2. Remove the release liner of the double-sided tape on the rear camera, and stick the rear camera onto the electrostatic sticker on the rear windshield.

Caution: To avoid flipping the imaging, install the cam the way shown below.



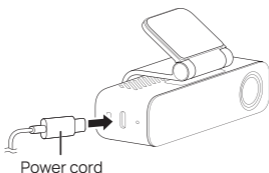


Press the rear camera against the rear windshield to secure the rear camera.

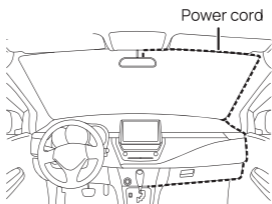
Note: The adhesion takes some time to stabilize. Keep it still for a while.

Connecting the Dash Cam

1. Connect the supplied Type-C connector of the power cord to the power port of the dash cam, and connect the other end to the car charger.



2. Use the supplied wiring trim tool to hide the power cord underneath the car roof lining and A pillar rubber sealing strip.



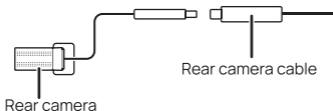
3. Route the power cord to the cigarette lighter socket,

and insert the car charger into the cigarette lighter socket.

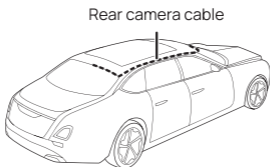
Note: The position of the cigarette lighter socket varies based on the car.

Connecting the Rear Camera

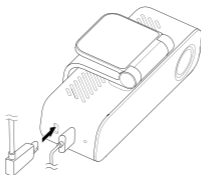
1. Connect the supplied rear camera to the rear camera cable.



2. Use the supplied wiring trim tool to hide the rear camera cable under the rubber sealing strip on the top of the rear windshield, C pillar (or D pillar), and top of a side window, and connect the cable to the dash cam.




3. Connect the supplied rear camera cable to the rear camera port on the dash cam.

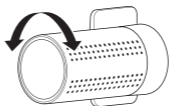


Adjusting the Camera Angle

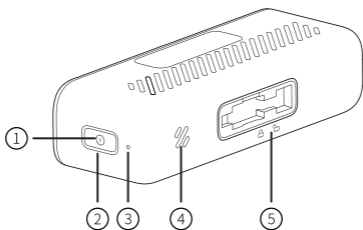
1. Turn on the engine of the car.
The dash cam automatically turns on and starts continuous recording.
2. Open the 70mai app and enter the dash cam main interface by tapping **Connect to dash cam directly**.
Adjust the camera angle base on the real-time recording image.

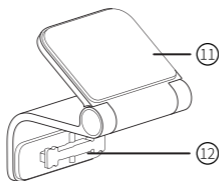
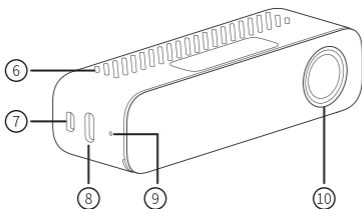


3. Tap the icon  on the main interface to switch to the view of the rear camera. Adjust the camera angle while checking the view of the rear camera.



Product Overview





① Power button

② Indicator

③ Reset hole

If the device fails to respond, insert a pin into this hole and press once to force restart the device.

④ Speaker

Outputs the operation sound, warning sound, video and audio, etc.

⑤ Installation slot

Use the slot and the bracket to mount the cam.

⑥ Vents

Dissipate internally generated heat. Do not block them.

⑦ Rear camera port

Connects to the rear camera port.

⑧ Power port

Connects to the supplied power cord.

By connecting the dash cam to a computer using a USB cable (Type-C), you can back up video/image files to the computer.

⑨ Microphone

- ⑩ Camera
- ⑪ Adhesive sticker
- ⑫ Bracket clip

Note: Demonstrations are for reference only.

Button Functions

Dash cam status	Operation	Function
Turned off (Dash cam should connect with power source)	Press once	Turn on the device
Turned on	Press and hold for about 3 seconds	Turn off the device
	Press once	Turn the Wi-Fi on/off
	Press 4 times in a row	Format the internal storage
	Press 5 times in a row	Reset factory settings
Press twice in a row	Turn the defogging mode on/off	
Receiving the connection request from the phone	Press once	Confirm the connection authorization

Indicator

Indicator Status	Dash Cam Status
Steady green	Recording a common video.
Flashing green	Recording an emergency video
Steady red	<ul style="list-style-type: none"> • Encountering a recording failure. For example, the device detects malfunctions in the internal storage or unauthorized files. • Encountering a system malfunction that is causing the recording to stop.

Steady blue	<ul style="list-style-type: none"> • Waiting for the 70mai app activation during the first startup • Providing guidance for the beginner • Accessing the cam album from the app • Connected to a computer and functioning as a flash drive. • Executing OTA update.
Flashing blue	<ul style="list-style-type: none"> • Receiving OTA upgrade package from the app • Processing OTA upgrading • Formatting the internal storage • Restoring the factory settings • Detecting or repairing the internal storage

Specifications

Resolution	3840 × 2160
Aperture	F1.7
FOV	146°
Wireless Connectivity	Wi-Fi IEEE 802.11 a/b/g/n 2.4GHz & 5GHz, Bluetooth® 5.2
Wi-Fi Max. Output	≤ 20 dBm
Wi-Fi Operation Frequency	2400-2483.5MHz & 5170-5835MHz
Bluetooth Max. Output	≤ 10 dBm
Bluetooth Operation Frequency	2400-2483.5 MHz
GPS/GLONASS Operation Frequency	1559-1610MHz
Battery	Built-in lithium battery
Suggested Operating Temperature	-10°C to 60°C
	14°F to 140°F
Input Power	5 V ⎓ 2 A
Power Port	Type-C

Power Supply	Car charger + power cord, or 70mai Hardwire Kit (sold separately)
Mounting Type	Electrostatic sticker + Heat-resistant adhesive
Indicator	3-color (Red, Green, Blue)

Note: Specifications and appearance of the product are subject to change without prior notice.

70mai App Installation

Install the 70mai app on your smartphone. By connecting the dash cam to your smartphone through the built-in Wi-Fi, you can view real-time videos, download recorded videos, and configure various settings of the dash cam.

Installing the 70mai App

Use your smartphone to scan the QR code or search for the "70mai" app in the App Store (iOS) or Google Store (Android) to download and install the 70mai app.



<https://www.70mai.com/download/>

※ To connect your smartphone to the Wi-Fi hotspot of the dash cam, you need a smartphone running Android 5.0 or iOS 12.0 or a later version.

Signing Up 70mai Account

1. Start the 70mai app on your smartphone.
2. Tap **Sign up**, enter your email address, enter the 6-digit confirmation code sent to you via email, and then enter the login password (6 or more alphanumeric characters) as desired.

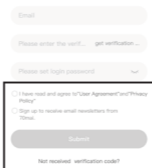
Sign up



A screenshot of a sign-up form. It has a title "Sign up" at the top. Below the title are two input fields: "E-Mail" and "Verification code". To the right of the "Verification code" field is a link that says "Get a verification code".

3. Read and agree to the privacy policy, and tap **Submit**.

Sign up



A screenshot of a sign-up form. It has a title "Sign up" at the top. Below the title are three input fields: "Email", "Please enter the verification code" (with a "get verification code" link), and "Please set login password" (with a dropdown arrow). Below these fields are two radio button options: "I have read and agree to 'User Agreement' and 'Privacy Policy'" and "Sign up to receive email newsletters from 70mai". Below the options is a "Submit" button. At the bottom, there is a link that says "Not received verification code?".

Now you can log in to the app using your account.

Adding Dash Cam to 70mai App

1. Turn on the dash cam.

Note: Make sure that Wi-Fi is enabled on your smartphone and the Wi-Fi hotspot is enabled on the cam.

2. Tap the add sign (+) in the app.



The device starts searching for available devices and then displays "70mai_M800_xxxx".

3. Tap **70mai_M800_xxxx**.
4. Press the power button on the dash cam within 30 seconds to complete the dash cam authentication.

The dash cam M800 is added to the 70mai app.

Note: If you do not press the power button within 30 seconds, the connection request will be canceled. In this case, tap **Try again**.

Connecting Dash Cam to 70mai App

1. Turn on the dash cam.

Notes:

- Make sure that Bluetooth and Wi-Fi are enabled on your smartphone.
- Enable the hotspot of the dash cam in advance by pressing the power button once.

2. Start the 70mai app and tap **Connect to the dash cam directly**.



3. Follow the on-screen prompts to connect to the dash cam.

Notes:

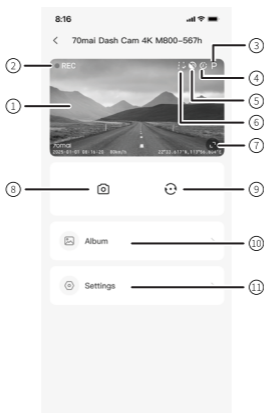
- If your smartphone runs **Android 10.0 or above**, a prompt **Connect to device** displays. Tap **CONNECT** and the connection will automatically established.
- If your smartphone runs a system **lower than Android 10.0**, you will be led to the **Connecting to the dash cam Wi-Fi hotspot** page. In this case, follow the on-screen instructions to turn on the dash cam Wi-Fi hotspot and then enter the WLAN page of the smartphone. Tap the hotspot name of the dash cam in the WLAN list and enter the password.
- If you are prompted to enter a password, enter the cam Wi-Fi hotspot password (**12345678** by default). If you have changed the password through the 70mai app and forgot the password, see the password in the **Wi-Fi Hotspot settings** on the dash cam settings.

4. After the connection, return to the 70mai app.

The main interface of the dash cam (real-time continuous recording screen) is displayed.

Note: If the dash cam cannot be connected to the 70mai app after the preceding steps, remove the Wi-Fi hotspot of the dash cam from the WLAN list on your smartphone and try connecting again.

App Main Interface



- ① Displays the camera view.
- ② Recording status
Indicates whether recording is in progress. If an exception occurs, red dot will change to white dot and will display **REC**.
- ③ Parking security (Available only when a parking surveillance cable is installed)
Indicates that parking surveillance is on.
- ④ Time-lapse recording (Available only when a parking surveillance cable is installed)
Indicates that the time-lapse recording function is enabled.
- ⑤ GPS
Indicates that location information has been obtained.
- ⑥ ADAS
🚦 indicates that the Advanced Driver Assistance System (ADAS) has been successfully calibrated. During the calibration process, 🚦 will be displayed to tell you that the calibration is in progress. If calibration fails, 🚦 will show up instead.
- ⑦ Tap here to display the camera view in full screen on

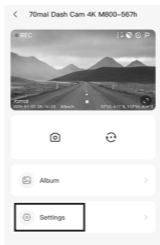
the smartphone. To exit the full-screen display, tap the screen and then tap ↵.

- 8 Tap here to take photos.
- 9 Tap here to switch between the front camera view and the rear camera view.
- 10 Tap here to access the album of the dash cam.
- 11 Tap here to access cam settings.

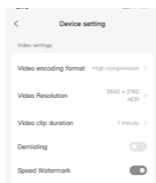
Device Settings

Configure the settings as need using the steps below. For more instructions on more settings, see page 35.

1. Start the 70mai app, connect the dash cam and enter the dash cam main interface. Tap **Settings** in the lower left corner.




2. In the interface that opens up, tap and configure settings



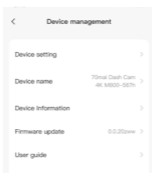
Updating the Dash Cam Firmware

You can update the dash cam firmware on the 70mai app.

1. Start the 70mai app and tap  in the upper right corner.



Note: A small red dot next to **Firmware update** tells you that a firmware update is available. Tap the update icon to open the download page.



2. Follow the instructions on the screen to download the new firmware.

A message will pop up after the download process is completed.

Note: Make sure your smartphone is connected to the Internet when downloading.

3. Tap **Push now** and follow the instructions on the screen to perform the update.

After the update is completed, your dash cam will automatically restart and run on the latest firmware.

App Troubleshooting

Problems	Causes/Solutions
The dash cam cannot be connected to the 70mai app.	Wi-Fi or Bluetooth may be disabled on your smartphone.

The video keeps freezing when viewed on the 70mai app.	The Wi-Fi signal of the dash cam is under interference. If the video freezing continues, download to the local album of the 70mai app and view again.
--	---

Operation

Powering on

The dash cam can be powered on in any of the following ways:

- Connect the dash cam to the cigarette lighter in your car. When the car starts and the cigarette lighter receives power from the car, the dash cam turns on automatically.
- Connect the dash cam to an external power supply and power it off manually. Then, press the power button to power it on.
- Connect the 70mai Hardwire Kit to the dash cam. While your car is starting, the dash cam turns on automatically upon detection of the ACC ON signal over the 70mai Hardwire Kit.
- Connect the 70mai Hardwire Kit to the dash cam and enable collision detection. When your car experiences shocks in the parking spot, the dash cam turns on to record a Parking Security video. When the recording ends, the dash cam turns off.

Notes:

- The dash cam cannot turn on if it is not connected to an external power supply.


The dash cam can be powered off in any of the following ways:

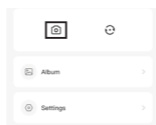
- If the dash cam is not needed, hold down the power button until the shutdown tone is heard or unplug the power cord from the socket of cigarette lighter to power off the dash cam.
- With the 70mai Hardwire Kit connected, the dash cam turns off automatically when it detects an ACC OFF signal.
- The cigarette lighter of your car model may remain on after the engine is turned off. In this case, the dash cam is still powered. If you have set the timer for auto power off with continuous inactivity, the dash cam turns off

automatically when the timer expires.

- After the dash cam is connected to the cigarette lighter, it turns off automatically when the car engine is turned off and stops supplying power to the cigarette lighter port.
- The dash cam turns off automatically when the ambient environment exceeds its operating temperature.

Taking Photos

You can take photos by tapping  in the 70mai app or say the voice command "**Take photo**". For more voice commands, see **Voice Control**. (page 30)



Notes:

- Both the front and rear cameras take photos.
- You can view the photos in the album.

Caution:

- The cam won't respond to the voice command when it is connected to 70mai App, when its recording is malfunctioning, and when recording is not running.

Recording Emergency Videos

When recording an emergency videos is needed, this can happen automatically or manually.

1. To manually record an emergency video, you can simply say "**Lock the video**".

Caution:

- The cam won't respond to the voice command when it is connected to 70mai App, when its recording is malfunctioning, and when recording is not running.
2. The clip will cover the moment from 2 seconds before and 28 seconds after the trigger event, and will be saved under **Emergency video file** (See **Viewing Videos/Photos in the Album**)

To use the automatic emergency video recording,


1. Start the 70mai app, connect to the dash cam and tap **Settings** in the main interface.
2. In the interface that opens up, tap **Emergency video**.
3. Enable **Record emergency video** and select desired sensitivity.

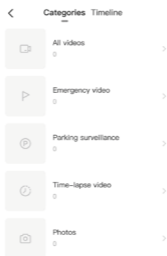
Now the cam can automatically record emergency videos.

Cautions:

- The cam **DOES NOT** record emergency videos if the beginner's tutorial is never finished; if you are viewing the cam's albums from 70mai App.
- For more instructions on emergency videos recording, see **Smart Travel** (page 39)




Viewing Videos/Photos in the Album

1. In the app, tap , the dash cam stops recording and displays the album.
2. Tap **Categories** or **Timeline**.



The **Categories** column displays folders by video type. Tap the folder of a specific video type, and then tap the thumbnail of the target video to play back the video.

- The **All videos** folder contains normal video files, emergency video files, parking surveillance video files, time-lapse video files recorded by the front and rear cameras.
- Depending on the video type, a type icon is displayed on the thumbnail of each video file.

No icon	Normal video files
	Emergency video files
	Parking surveillance video files
	Time-lapse video files

- In the All videos, Emergency video, Parking surveillance, or Time-lapse video folder, tap **Main camera** or **Extended camera** to switch between videos shot by the front and rear cameras.

In the **Timeline** column, you can slide on the timeline bar to select a video clip. The system then plays back the video recorded in the specified period on the specified day. Video types are distinguished by the color of the timeline bar.

- Details of the Timeline column are shown in the following figure.




Downloading Videos/Photos

You can download the video/photo file that is being played back to your smartphone.

During playback, tap **Download** or **Download video**.



The downloaded videos and photos can be viewed in the album of your smartphone or local album of the 70mai app. To play back videos or photos in the local album of the 70mai app, start the app, tap the icon  in the upper left corner, tap **Local album**, and select the video or photo that you want to view.

During playback on the **Timeline** screen, you can tap **Download** and select the duration of the video clip that you want to download.

Note: Videos recorded by the front and rear cameras cannot be downloaded together. Download them separately.

Deleting Videos/Photos

While viewing a video or photo, you can tap **Delete** to remove the current video or photo from the album.



Note: Videos being played back on the Timeline screen cannot be deleted.

Sharing Videos/Photos

Downloaded video and photo files will be saved in your phone album and the local album of the 70mai app. You can share the downloaded files on social media.

1. Start 70mai app, and tap  in the upper left corner.


2. Tap **Local Album**.
3. Select a video or photo and tap **Share**.
4. Select the social media where you want to share.

Viewing the Driving Route


If you synchronize driving route data to the 70mai app, you can view your driving route in the app.



Notes:

- Driving route data is generated after you drive over a certain distance.
 - To synchronize driving route data, refer to Device Data Settings (page 42)
1. Start the 70mai app, and tap  in the upper left corner.
 2. Tap **Driving route**.
 3. Select the driving route record that you want to view.

Notes:

- Tap **Share track** to view your driving route and share it with others.
 - If the windshield of your car is coated with an insulating film, the positioning system of the dash cam may be unable to receive high-quality GPS signals. In this case, contact your insulating film supplier for more information.
- ※ If the driving route data couldn't be synchronized, try the following ways:
- Check whether  is displayed on the dash cam main interface on the app. If you cannot see this icon, move your car to an open area, wait for about 3 minutes, and try again.

- Make sure the driving route data has been synchronized to the 70mai app.
- Make sure your smartphone is connected to the Internet. Disconnect your smartphone from the Wi-Fi hotspot of the dash cam and connect it to your WLAN or cellular network.

Unbinding the Dash Cam

1. Start the 70mai app and tap the icon ☰ in the upper right corner.



2. Tap **Unbind device**.
3. View the message and tap **OK**.

The dash cam is then unbound from the 70mai app.

After deleting the device, you will not be able to continue using the device-related functions on the homepage, confirm deletion?

Cancel

OK

Updating the 70mai App

If an update is available for the 70mai app, an update message will be displayed when you start the 70mai app. Update the app as prompted.

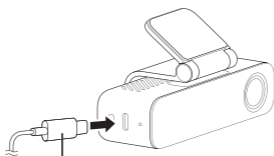
Backing Up Videos/Photos to Your Computer

To back up videos/photos to your computer, connect the dash cam to the computer with a USB cable.

You can also use the 70mai app to download videos/photos to your smartphone. For details, refer to **Downloading videos/photos** (page 26).

Backing up the Dash Cam to a Computer

1. Power off the dash cam and unplug the power cord and rear camera cable.
2. Slide the dash cam off its mount.
Note: Be careful to not to remove the mount.
3. Connect one end of the USB cable to the power port of the dash cam and the other end to the computer.



USB-C Cable

Cautions:

- Use a USB Type-C cable.
 - The supplied power cord of the dash cam cannot be used for this connection.
 - When the dash cam is connected to the computer, it stops recording.
4. Back up the files/folders displayed on the computer to the hard drive.
 5. The videos/photos will be displayed and categorized on the computer as follows:

Normal:	Normal videos
Event:	Emergency video
Parking:	Parking surveillance video
Lapse:	Time-lapse video
Photo:	Photos

Voice Control

The cam supports voice control. When the dash cam is operating, voice commands from the user will trigger the corresponding functions.

Supported languages are English and Mandarin (when the

dash cam's broadcast language is Traditional Chinese). The voice commands are as follows:

Voice commands	Cam responses
Take photo	Take a photo.
Lock the video	Record an emergency video.
Turn on audio	Record audio as well as videos.
Turn off audio	Turn off audio recording.
Turn on hotspot	Turn on Wi-Fi hotspot.
Turn off hotspot	Turn off Wi-Fi hotspot.

Notes:

- Voice control is not available during beginner's tutorial, while internal storage is being formatted, and while the cam is running in parking surveillance mode.
- When the dash cam is connected with the 70mai app, voice control is not supported.
- For instructions on enabling and disabling voice control, see Smart travel (page 39).

ADAS

The ADAS is designed to assist the driver with safe driving. This function enables the dash cam to obtain information about surroundings and alert you to the dangers detected.

Cautions:

- To enable ADAS, see **Smart travel** (page 39).
- The ADAS cannot assist with your driving behavior if you do not observe the road ahead or the visibility is low. When driving your car, pay attention to the surroundings and driving environment, and always drive safely.
- If Speaker volume (page 40) is turned off, the dash cam does not generate audio alarms.

Front vehicle start alert

If you are waiting at traffic lights and your car remains still after the traffic lights turn green and the vehicle ahead starts to move, you will receive a voice alert.

Notes:

- You can go to ADAS Warning item (page 39) to enable or disable this function.
- The distance from the vehicle ahead or surrounding

conditions may not allow this function to work. Keep it in mind.

Lane departure warning

If your car is deviating from the lane, you will receive a voice alert.

Notes:

- You can go to ADAS Warning item (page 39) to enable or disable this function.
- This alert will not be triggered if you are driving slower than 55 km/h.
- Since the dash cam is not connected to the blinkers, the alert sounds when you change lanes.

Pedestrian collision warning

If pedestrians are identified on the lane where your car is running, you will receive a voice alert.

Note:

- To enable or disable this function, see ADAS Warning item (page 39) .

Rider collision warning

If two-wheeler riders or two-wheelers are identified on the lane where your car is running, you will receive a voice alert.

Note:

- To enable or disable this function, see ADAS Warning item (page 39).

Forward collision alert

If the dash cam detects that your car is too close to the vehicle ahead or facing the risk of collision with an obstacle, you will receive a voice alert.

Notes:

- To enable or disable this function, see ADAS Warning item (page 39).
- This alert won't sound if your car is running slower than 55 km/h.

ADAS Calibration

1. Follow your normal procedures to start your car. The cam should power on.

2. Connect the dash cam to the 70mai app and enter the dash cam main interface.
3. Tap **Settings** and select **ADAS > Lens position calibration**.
4. As the below interface appears, adjust the angle of the cam's lens according to the on-screen prompts.



5. Engage drive gear and maintain a speed over 25 mph(40 km/h).

Notes:

- The calibration process takes about 5-8 minutes.
- In this period, maintain a driving speed of 40 km/h or higher and avoid changing lanes.
- The cam will start ADAS calibration if ADAS is enabled and the speed exceeds 40 km/h. To disabled ADAS, see page 39.

※ Why does ADAS calibration fail?

Possible reasons are:

- The camera is positioned too much tilted to the left/right side or top/bottom.
- The driving speed was below 40 km/h most of time during the calibration.

- The lane lines could not be recognized accurately due to poor light conditions.
- Lanes lines on the road were too blurry to recognize.

If the calibration has failed multiple times, adjust the cam's position on the windsheild, adjust the lens position, and follow the steps above to try again.

Road Story Filter (RS Filter)

The dash cam records driving data and road condition data as well. Such data will be displayed together with the video during playback. The road story (RS) filter can merge the data and display video clips with stunning visual effects.

To use the RS filter, tap **RS** during playback.



Refer to the figure below for the descriptions of the data displayed with the RS filter.



- ① Pitch angle
- ② Date and time
- ③ Time when an accute acceleration started.

- ④ Sharp turn
- ⑤ Driving direction
- ⑥ Lane recognition
- ⑦ Vehicle identification
- ⑧ Acceleration indicator
- ⑨ Current speed. If the speed exceeds 120km/h, the circle and value turn red.
- ⑩ Altitude
- ⑪ Roll angle

Settings

Directly connect to the dash cam in the 70mai app. Go to the main interface of the dash cam. Tap **Settings** to check or modify the settings of the dash cam.

Note: Interfaces and options may change without prior notice due to constant updates. For specific guidance, refer to the online guidance.

Video Setting

Settings	Options	Descriptions
Video encoding format	<ul style="list-style-type: none"> • High compression (default) (Storage efficient and supports most mobile phones) 	Sets the video compression format.
	<ul style="list-style-type: none"> • Low compression (Higher compatibility with older phone models) 	

Video resolution	High compression <ul style="list-style-type: none"> • 3840 × 2160 HDR(default) • 1920 × 1080 HDR • 1920 × 1080 60FPS 	Sets the video resolution and frame rate for recording.
	Low compression <ul style="list-style-type: none"> • 1920 × 1080 HDR 	
Video clip duration	<ul style="list-style-type: none"> • 1 minute(default) • 2 minutes • 3 minutes 	Sets the recording duration of a file for normal video recording.
Demisting	<ul style="list-style-type: none"> • Disabled(default) • Enabled 	<ul style="list-style-type: none"> • Only applies to the main camera. • When enable, this feature utilizes algorithms to enhance image output quality under special weather conditions such as fog.
Speed watermark	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	Determines whether to display the driving speed on the screen.
Coordinates watermarks	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	Determines whether to display the latitude and longitude on the screen.
70mai logo	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	Determines wheter to display the 70mai logo.
Anti-flicker	<ul style="list-style-type: none"> • 50Hz • 60Hz (default) • 55Hz 	Determines whether to enable the anti-flicker mode.

Mirroring and rotating	Horizontal mirroring <ul style="list-style-type: none"> • Enabled • Disabled (default) 	<ul style="list-style-type: none"> • Only applies to the extension camera. • When the options are enabled, the extended camera's video display, playback, recording, and storage functions will operate in mirror mode with 180-degree rotation.
	Rotate 180° <ul style="list-style-type: none"> • Enabled • Disabled (default) 	
Enable live view upon powered on	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	<ul style="list-style-type: none"> • Determines whether to enable the live view upon powered on mode. • Remote live streaming is only available when the 4G hardwire kit is installed.

Parking Surveillance

Note: The parking surveillance feature is **ONLY** available with a 70mai parking surveillance cable installed.

Settings	Options	Descriptions
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Duration	<ul style="list-style-type: none"> • Unlimited • 24 hours (default) • 12 hours • 8 hours • 4 hours • 2 hours 	Sets the duration of continuous parking surveillance (collision detection, and time-lapse photography). When the duration is reached, parking surveillance is disabled automatically to protect the battery of your car.
Collision detection	<p>Collision detection</p> <ul style="list-style-type: none"> • Enabled • Disabled (default) 	<ul style="list-style-type: none"> • This function can be enabled during the beginner's guide. • Enables or disables collision detection.
	<p>Sensitivity</p> <ul style="list-style-type: none"> • Ultra-high • High • Medium (default) • Low • Ultra-low 	Sets the sensitivity of shock detection during parking.
	<p>Start upon the engine turns off</p> <ul style="list-style-type: none"> • Response instantly • Postpone for 5 minutes followed by response 	If a collision is frequently detected when you close the door during parking surveillance, parking surveillance can be delayed by 5 minutes.
Time-lapse recording	<ul style="list-style-type: none"> • Enabled • Disabled (default) 	<ul style="list-style-type: none"> • This function can be enabled during the beginner's guide. • Enables or disables time-lapse recording

Note: Collision detection sensitivity is available only when the collision detection is enabled.

Settings	Options	Description
Emergency video	Record emergency video <ul style="list-style-type: none"> • Enabled (default) • Disabled 	Records an emergency video when a collision is detected during driving.
	Sensitivity <ul style="list-style-type: none"> • Ultra-high • High • Medium (default) • Low • Ultra-low 	Sets the sensitivity of shock detection during normal video recording.
ADAS	Enable ADAS function <ul style="list-style-type: none"> • Enabled • Disabled (default) 	Enables or disables ADAS.
	ADAS Warning option <ul style="list-style-type: none"> • Front collision alert • Lane departure warning • Front vehicle start alert • Pedestrian collision warning • Rider collision warning 	Enables or disables one of the features of ADAS. For detailed information, see pages 31.
	Lens position calibration	Sets the cam to start ADAS calibration. For detailed procedures, see page 32.

Voice control	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	Enables or disables voice control.
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Notes:

- Emergency video sensitivity is available only when the emergency video is enabled.
- When road conditions are poor, bumps from the road surface might trigger emergency recording frequently. In this case, set the sensitivity to Low

Sound Settings

Settings	Options	Descriptions
Broadcast language	Broadcast language	<p>The cam will make voice announcements in the selected language.</p> <ul style="list-style-type: none"> • The broadcast language of the dash cam will not synchronize with the system language of your smartphone. For example, your smartphone system language is English, but you can set another language for voice announcements.
Speaker volume	Speaker mute <ul style="list-style-type: none"> • Enabled • Disabled (default) 	Determines whether to mute the speaker.
	Speaker volume <ul style="list-style-type: none"> • High (default) • Medium • Low 	Sets the volume of the speaker
On/off tone	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	Determines whether to notify you by audio when the dash cam is powered on/off.
Button sound	<ul style="list-style-type: none"> • Enabled (default) • Disabled 	Determines whether to notify you by audio when a button is pressed.

Record audio	<ul style="list-style-type: none"> • On • Off (default) 	Enables or disables audio recording.
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System Settings

Settings	Options	Descriptions
Auto-off when parked	<ul style="list-style-type: none"> • 5 minutes • 10 minutes • 20 minutes • Never (default) 	Sets the time the cam will remain working for after the ignition switch locks.
Wi-Fi hotspot settings	Wi-Fi hotspot upon startup <ul style="list-style-type: none"> • Enabled • Disabled (default) 	Determines whether to activate Wi-Fi hotspot when powered on.
	Modify the Wi-Fi password	Sets the new Wi-Fi password
	Wi-Fi frequency range	Sets desired frequency band
System time	Manually calibrate the system time	Manually calibrates the system time of the dash cam.
	GPS auto time sync	Automatically calibrates the cam's time through GPS.
Date format	<ul style="list-style-type: none"> • YYYY-MM-DD (default) • MM-DD-YYYY • DD-MM-YYYY 	Sets the format of date displayed on the app.
Speed unit	<ul style="list-style-type: none"> • km/h • mph 	Sets the unit of speed shown on the app.
Positioning status	Status of the positioning satellite	Displays the status of the positioning satellite
About	N/A	Displays the product name of the cam, firmware version No., and its release date.

Device Data Settings

Settings	Options	Descriptions
Synchronize driving route data	Automatic synchronization after direct connection to Wi-Fi: <ul style="list-style-type: none"> • Enabled • Disabled (default) 	<p>Determines whether the dash cam synchronizes data automatically after establishing a direct Wi-Fi connection.</p> <ul style="list-style-type: none"> • With this function enabled, the dash cam synchronizes data automatically every time it connects to a Wi-Fi network directly. • Other operations can be performed only after data synchronization is complete.
	Synchronize data now	After you tap this option, the driving route and road story filter data stored on the dash cam are synchronized to your smartphone immediately.
Retrieve device log	N/A	After you tap this option, logs stored on the dash cam are synchronized to the app immediately.



Reset Device

Settings	Options	Descriptions
Format	N/A	<p>Tap this option to initialize the internal storage built in the dash cam.</p> <ul style="list-style-type: none"> • Once started, the initialization process cannot be stopped. • Make sure you've backup important data to other devices before formatting.

Factory reset	N/A	<p>Tap this option to restore factory settings of the dash cam.</p> <ul style="list-style-type: none"> If the dash cam has been connected to the 70mai app before, connect the dash cam to the 70mai app again after restoring the factory settings.
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Troubleshooting

Problems	Causes/Solutions
The dash cam does not turn off even after the car engine is turned off.	<ul style="list-style-type: none"> For some constantly-powered cars, the cigarette lighter is still on even when the engine is turned off. In this case, tap Auto OFF when parked (page 41 "Auto-off when parked") to set the auto shutdown time. If you change the auto shutdown time, the next time you turn on the power supply, press the power button on the device to turn it on.
Can the dash cam use a third-party power supply?	To avoid product malfunctions caused by unqualified products, use the accessories such as the car charger and power cord. 70mai is not liable for any loss or damage caused by the use of a non-original car charger or power cord.
The device cannot be turned on.	<p>This device has the self-protection function. If the temperature is too high, the device cannot be turned on. Disconnect the power cord, and wait for the temperature to return to normal before using the device.</p> <ul style="list-style-type: none"> Ensure that the power cord is correctly connected to the car and dash cam. Check the car battery.
The emergency recording (collision detection recording) file is not generated.	When the impact of a collision is weak, the dash cam may not be able to detect the collision. Check the setting of collision detection sensitivity (page 39 "Sensitivity") and make sure it is set to Ultra-high .

<p>The parking surveillance function does not work.</p>	<ul style="list-style-type: none"> • To use the parking surveillance function, you need to purchase a 70mai Hardwire Kit separately. • Enable collision detection. (page 38). • When the impact of a collision is weak, the dash cam may not be able to detect the collision. Check the setting of collision detection sensitivity (page 38) and make sure it is set to Ultra-high. • In the hot summer, the temperature inside the car may be very high. In this case, the dash cam may automatically turn off, and the parking surveillance function cannot take effect. • Based on the condition of the car battery, etc., the battery protection function of the 70mai Hardwire Kit may be enabled, and the power supply of the dash cam may be turned off. If the battery has been used for a long time and ages over time, replace the battery with a new one.
<p>No rear camera image is displayed.</p>	<p>Check whether the rear camera is properly inserted into the rear camera port of the dash cam.</p> <ul style="list-style-type: none"> • Check whether the icon  is valid on the main interface of the dash cam on the app. • To view the video shot by the rear camera, tap the  icon on the main interface to switch to the rear view. • If the problem persists after the preceding operations are performed, contact the after-sales service.
<p>The rear camera image is blurry.</p>	<ul style="list-style-type: none"> • Check whether the protective film on the rear camera has been removed. If not, remove the protective film and continue to use the rear camera. • If the rear windshield is coated with a dark protective film, the rear camera cannot capture clear images.

Compliance Information

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 M800-2 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>

FCC

15.19 Labelling requirements.

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.

15.21 Information to user.

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

15.105 Information to the user.

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.

RF warning for mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC ID: 2AOK9-M800

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-M800

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

Service: help@70mai.com

For further information, go to www.70mai.com

Manufacturer: 70mai Co., Ltd.

Address: Room 2220, Building 2, No. 588 Zixing Road, Minhang District, Shanghai, China

料号名称:DR1800-记录仪M800 北美自营说明书

料号:7011AA800415

版本:1.0

日期:20250724

尺寸:75×160mm

材质以颜色:封面封底:157克双铜+单黑印刷+哑膜

内页: 80g克哑粉纸+印刷单黑

装订方式:骑马钉

备注:红色字体为说明书信息备注,无需印刷!

V1.0-20250730



7011AA800415