

DASH CAM INSTRUCTIONS



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1 Product Overview

This product uses high-performance chips to provide high-definition video and seamless dynamic images. It has passed the strict certification of European CE and American FCC, and supports 2K and 1080P camera. Please read this manual carefully before use and keep it properly. We hope this product can meet your needs and serve you for a long time!



2 Performance parameter

| | |
|--------------------------|-----------------------------------|
| Built in Image sensor | 2K (2560x1440), 1080P (1920x1080) |
| Rear camera | 1080P (1920x1080) |
| Camera angle | 120 degrees |
| Option Language | English/Simplified Chinese |
| TF memory card slot | Micro TF |
| Recording resolution | 2K (2560x1440), 1080P (1920x1080) |
| Photographic resolution | 4M (2560x1440), 2MHD (1920x1080) |
| Storage compression mode | H.265, H.264 |
| Video format | MP4 |
| Picture Format | JPEG |
| Storage temperature | -30℃~70℃ |
| Operating temperature | 0℃~50℃ |
| Operating humidity | 15~65%RH |
| Memory card capacity | Maximum support 256GB |

3 Product Structure

| | |
|----------------------|---|
| Image sensor | 2K |
| Display | 9.66 inch MIPI display |
| Camera lens | All glass+level high resolution multilayer filter wide-angle lens |
| Video specifications | M |
| Image format | JPEG |
| Transmission speed | USB2.0 |

| | |
|--------------------|--------------------------|
| Power interface | 5V 2A |
| Capacity support | Maximum 256GB |
| Capacity support | 8R 1W |
| Built in recording | High fidelity horn |
| Battery | Built in lithium polymer |

4 Key function description

4.1 Power key/screen backlight key

Function 1: On/Off function

Long press: In the shutdown state, long press the [Power Key] to turn on the power of the machine, and the machine automatically starts to work. Under the power on state, long press [Power Key] for 3 seconds to automatically save the video files and user settings and turn off the machine.

Short press: short press the [Power Key] to turn off the screen display when the machine is turned on, and short press the [Power Key] again to turn on the screen display.

5 Installation Guide

1. Turn off the car engine.

2. Insert the TF card into the recorder card slot.

【be careful】Please use a high-speed TF card (Class10 and above) with a capacity of no less than 4GB.

3. Fix the recorder on the original rear view mirror of the car.

4. Insert the car charger into the cigarette lighter.

5. Connect the USB interface of the recorder to the car charger with the charging extension cable.

【be careful】During wiring, the charging extension line can be laid along the edge of the windshield.

6. Install the rear camera at the rear of the vehicle, and pay attention to the direction during installation. The wiring can be laid along the vehicle roof. After installation, connect the rear plug to the recorder AV-IN.

7. Adjust the lens position to ensure that the lens is level with the ground.

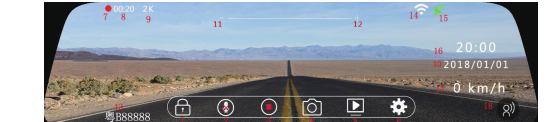
8. Start the engine and check whether the machine is installed correctly.

【be careful】When the machine is installed correctly, the system operation indicator is on; The machine starts to enter the recording state, and the recording indicator flashes. Please check whether the picture on the display screen is normal. If the picture is inverted, please contact us in time.

6 Introduction to touch screen function interface

Start the car engine, the recorder will start automatically and start the video recording function. If it is inserted and pulled back, it will enter the streaming media interface by default, otherwise it will enter the main interface.

6.1 Main interface introduction



6.1.1 Introduction to interface display

1. Locking (EMR emergency):

In the video recording, click the lock flag “” Lock the current video, and add 20s to the current recording time as the locked file. The lock icon is “”, click “” Unlock the current file.

2. Audio switch:

Click to turn recording on or off. (The settings will be saved automatically, and there is no need to reset the functions after starting up again.)

3. Video:

The default icon is “”, The default icon is “”, Click to change the recording status.

4. During recording:

Click to take pictures.

5. Playback interface:

Click to enter the playback interface.

6. Setting interface:

Click to enter the setting interface.

7. Recording icon:

Blinking indicates normal recording, and non recording status will be hidden.

8. Recording time:

Under normal recording, the recording time is displayed, which is 1 minute by default, You can select cycle recording to change the time in the setting interface, and the non recording status will be hidden.

9. Resolution:

Display the current video resolution, which is 2K by default and can be changed in the setting interface.

10. Time:

Display the current RTC time, which can be set in the setting menu.

11. Brightness adjustment:

The brightness can be changed by sliding up and down, sliding to the right to increase the brightness, and sliding to the left to reduce the brightness.

Note: The brightness of this operation is turned off and saved.

12. Brightness icon:

Indicates the brightness icon.

13. License plate: (to be added)

You can set the license plate in the menu of the setting interface

14. WIFI icon: (to be added)

When WIFI is turned on, a white wifi icon will be displayed, which can be turned on or off in the setting interface. If the mobile phone APP is connected, the WIFI icon will turn green.

15. GPS icon: (to be added)

When the GPS module is plugged in, the white GPS icon will be displayed. If the connection is not closed, the GPS icon will turn green when the GPS receives the signal.

16. Date:

Display the current RTC time, which can be set in the setting menu.

17. GPS speed: (to be added)

When GPS receives the signal, the GPS icon is green, and the GPS speed will be displayed. Note the difference between km/h and mph.

18. Voice: (to be added)

This icon will be displayed when the voice function is turned on, and will be hidden if it is not turned on. After the activation is successful, the corresponding voice command dialog box will be displayed.

6.1.2 Main interface screen operation

1. Click Action:

Enter various interfaces or functions as shown in 6.1.1

2. Slide up and down:

Change the display position of the current camera video screen by dragging up and down.

Note: After dragging up and down, the operation will be shut down and saved

3. Left and right sliding:

Change the current video display source by sliding left and right. The default is the front view camera. After changing the order, it will be front view - rear view - split screen display (front view on the left and rear view on the right) - front view - and so on.

If the brightness part slides left and right, slide it to the right to increase the brightness, and slide it to the left to decrease the brightness.

Note: The left and right sliding operation will turn off the screen display saved in the current screen.

6.2 Playback interface

6.2.1 Document list interface

Click the “playback icon” in the main interface to enter the playback interface. By default, it will enter the video file interface under the front camera.



1. Video file mode:

Click to view the normal video file. Note: The video files of the front and rear cameras are saved in the “front_norm” folder and the “back_norm” folder of the SD card respectively.

2. Lock file mode:

Click to view the locked video file. Note: The lock files of the front and rear cameras are saved in the “front_emr” folder and the “back_emr” folder of the SD card respectively

3. Photo file mode:

Click to view the saved photo file. Note: The photo files of the front and rear cameras are saved in the “front_photo” folder and the “back_photo” folder of the SD card respectively.

4. Front and rear camera switching:

Switch the front and rear video recording files under the current file

5. Delete:

After clicking, the upper right corner of the file information in the middle grid will pop up “”, Select the file information in the middle grid and the file to be deleted will be displayed “”, Click the delete icon again and a dialog box will pop up to confirm the deletion. Select it to delete the corresponding file.

6. In grid files:

The file content in the corresponding file mode is stored. You can select the file by sliding it up and down. After selecting the file, you will enter the file playback interface corresponding to the file.

7. Return:

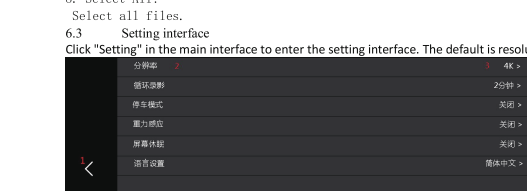
Return to the main interface.

8. Select All:

Select all files.

6.3 Setting interface

Click “Setting” in the main interface to enter the setting interface. The default is resolution.



1. return:

Return to the main interface.

2. First level menu:

Display the setting menu function, which can be selected by sliding up and down. After selection, the contents and default items of the current corresponding first level menu will be displayed in the second level menu.

For specific function description, see Content 7 Introduction to Setting Menu Functions.

3. Second level menu:

Select the first level menu to display and change the corresponding selection.

For specific function description, please refer to Content 7 Setting Menu Function Introduction.

Note: Selecting will shut down and save.

7 Introduction to the functions of the setting menu

Note: After setting the menu functions, the system will shut down and save them.

7.1 resolving power

To change the screen display resolution, there are 2K and 1080P, which respectively represent 2560x1440 resolution and 1440x1080 resolution. The default is 2K.

7.2 Loop recording

Indicates the video recording time, that is, the video file segmentation time. The recording time can be set to 1, 2, or 3 minutes. The default is 1 minute.

Note: When the SD card is full, the recorder will cover the video recorded earlier.

7.3 Time reduction video recording

Time reduction video recording: It is a shooting technology that compresses time. It takes a group of photos or videos. Later, it compresses the process of several minutes, hours, even days and years into a short time by connecting photos or taking frames from videos. In a

time-lapse photography video, the slow change process of objects or scenes is compressed to a short time, presenting a strange and wonderful scene that is usually invisible to the naked eye.

The miniature video recording can be selected as off, 5 hours, 12 hours, and 24 hours. The default is off. When you select to open the miniature video recording, if the car stalls, ACC will be disconnected, and the main interface of the recorder will prompt “Enter the miniature video recording” prompt box, and then enter the streaming media interface. The video recording mode is the miniature video recording mode. The screen will be closed after 5 seconds. If the touch operation occurs in 5s or after the screen is closed, the screen will be closed again in 10s. When ACC is powered on after the car is started again, it will exit the micro time recording and a prompt box “Exit the micro time recording” will pop up.

Note: ACC function must be turned on for this function, otherwise this function will not appear.

The time reduction interval (frame rate of time reduction) of time reduction recording can be selected within the time reduction interval in the menu.

Requirements for step-down board: with anti surge protection, power supply is cut off at low voltage, the minimum voltage is 4.8V and the maximum voltage cannot exceed 5.5V under load voltage, the maximum voltage cannot exceed 5.5V under no-load, and the ripple is required to be within 100mV;

Note: ACC function must be turned on for this function, otherwise this function will not appear.

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Note: ACC function must be turned on for this function, otherwise this function will not appear.

Low, medium and high indicates the sensitivity of vibration monitoring. Turn on the gravity sensing function. If the machine vibrates during recording (such as collision), the current video can be locked automatically.

Note: G-sensor supports sensitivity adjustment: high/medium/low, and the settings can be changed automatically in the gravity sensing settings according to actual needs.

7.7 Screen Sleep

The screen saver is divided into off, 10 seconds, 30 seconds, and 3 minutes. The default is off. After the screen saver is turned on, if there is no touch or key operation during use, the screen will be turned off. After closing the screen, you can open the screen by briefly pressing the power on key.

Note: continue to record after closing the screen.

7.8 Time zone selection

You can set your time zone.

7.9 Rear image

Streaming media image can be either on or off. The default value is off. Open the streaming media image, and the rear view lens image will be displayed.

7.10 Time setting

The time setting dialog box pops up. You can set the time and date of the video recording. The default is the factory time. This setting will be updated to the time and OSD time watermark displayed on the interface.

Note: In order to effectively record the date and time of obtaining evidence for driving safety accidents, please set the correct time before using this machine.

7.11 License plate setting

The license plate setting dialog box pops up, where you can set the license plate. The default number is five digits of Guangdong B 88888, and it can be set to six digits of green plate. This setting will be updated to the interface to display the license plate and OSD license plate watermark.

Note: In order to effectively record the license plate of the vehicle owner for obtaining evidence of driving safety accidents, please set the correct license plate before using this machine.