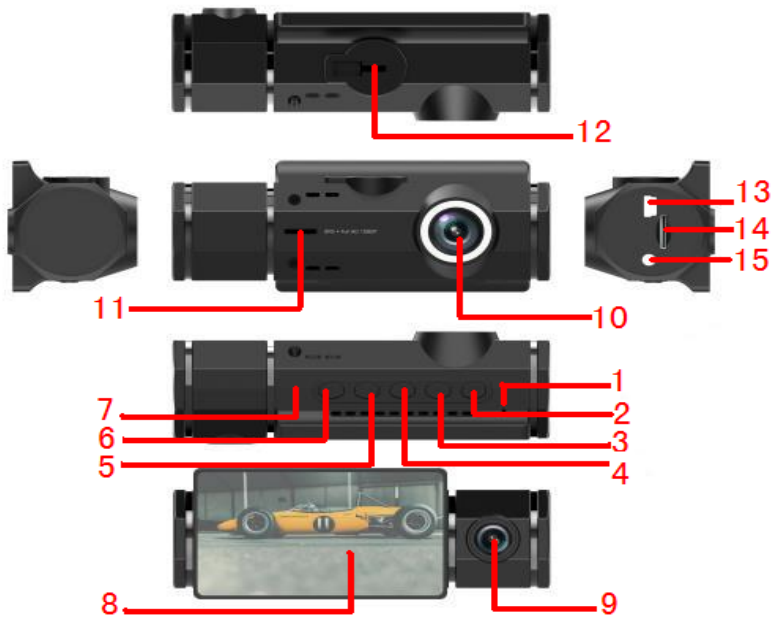# Dual Lens Dash Cam User Manual

Product description
Product structure

1) Mickey hole 2) OK key 3) menu / mode key 4) power supply key
5) up select key 6) down select key 7) reset key   8) LCD screen
9) rear lens 10) front lens 11) speaker 12) bracket fixing hole
13) USB data port 14) TF card slot 15) GPS input port

Key function description:

1) Microphone orifice
Recording sound and audio receiving holes;

2) OK key
Video recording and photography confirmation button, camera mode, short press this button to start recording, again short press stop recording;
Press this button to take photos in the photo mode.
Under the menu mode, press this button to confirm the button.

3) Menu / mode
Press this button to switch between camera mode / photo mode / playback mode.
Press this button to set up the function menu.
Video status, press this button to turn on / off the microphone

4）Power supply
In the shutdown state, short press this key can turn on the power supply, and the machine automatically starts work.
Press this button for a long time and hold it for 3 seconds. The machine automatically saves video files and user settings and shuts down.
Press this button to activate the screen in the boot state.

5) Up select key
In menu options, function keys are adjusted upwards.
Press this button to switch the screen to display the front camera / rear camera / double screen display.

6) Down select key
In the menu option, select the function key downwards;
If you click this button in video, you can lock the image you want to retain without being covered by the loop.

7) Reset

When the machine fails to operate normally, the reset button is reset and the machine is reset. Press the power button again to restart.

8) LCD Screen

2' 7 Screen Display

9) Cabin Camera

View cabin

10) Front Camera

View window

11) Loudspeaker

Play video or sound file's expansion hole, operation voice reminder;

12) bracket fixing hole

Installation of fixed video recorder

13）USB interface

The USB interface is used to connect the external power supply to the battery or provide the working power supply.

14) TF card slot

Memory card slot

15) GPS input hole

Connecting GPS module interface

Special functional description:

Automatic turn on / off

After supporting the connection of the vehicle power, the car starts automatically recording, and the video is automatically saved and turned off.

Track playback

Support GPS track map synchronization play

Mobile detection

When the standby state is still, if the object is moving in front, it will automatically record the whole moving process.

Gravity induction

In case of vehicle collision, the recorder will lock the broken video of the accident and save it as a special image. At the same time, the icon of the lock will be displayed in the middle of the display screen. The locked image will not be covered by loops. [Note] The G-sensor supports sensitivity adjustment and can change the settings in the settings menu according to actual needs.

Parking monitoring function

1) After the parking monitoring is turned on, when the vehicle is out of fire and the recorder enters the automatic shutdown program, if the vehicle body receives the vibration generated by the external force, the recorder will turn on the camera and record 10-20 seconds after the automatic shutdown; when the vehicle body vibration is detected again, the camera function will be started again.

2) stop monitoring video and automatically lock files.

Note: Parking monitoring function must be in the case of automatic shutdown of the traveling recorder, manual boot or shutdown, parking guard does not work.

Camera / photo basic operation instructions:

✦Boot and shutdown

Press the power to turn on the key once, and the blue indicator light will turn on when it starts.

Press the power again, turn on the key, and the blue indicator will go out.
Note: the recorder will automatically turn off the battery when the battery voltage is low.
Camera mode
Short press menu / mode key, switch to camera mode, and display the camera icon on the upper left corner of the screen.
Press the OK button to start the camera, the camera icon will appear flashing red dot, indicating the video work.
Photo mode
Press the menu / mode button, switch to the photo mode, and display the photo icon in the upper left corner of the screen.
Short press OK button to take photos, the screen flickers once, indicating that the photo is completed.
Video / photo playback
Short press menu / mode key, switch to playback mode, and display the playback icon in the upper left corner of the screen.
A short press up arrow key can select files up.
Short press down select key to select file down.
Short click the OK button to play the selected video files.
Menu settings
Press the menu/mode key for a long time, enter the video setting state, press the menu key again, switch to the setting state, press the menu/mode key shortly, exit the setting state.
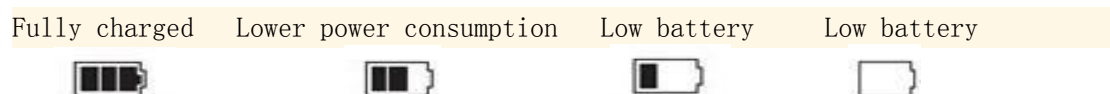In the settings that are called out, you can switch up and down in the settings sub-items by short pressing the up-select key or down-select key, and enter the settings sub-items by short pressing the OK key.
Time setting
Press the menu key for a long time to enter the setting state, press the menu key for a short time to enter the setting menu again, select the date and time options by the up-select key or down-select key, press the OK key for a short time to enter, press the menu key for a short time to switch between the year/month/day/hour/minute/second, adjust the required value by the up-select key or down-select key, press O K confirm the amendment;
Battery charging instructions
Please refer to the diagram for battery indication.

Fully charged	Lower power consumption	Low battery	Low battery

Note: This equipment is designed to follow the vehicle running for a long time. The built-in battery is only designed for storing documents when parking and shutting down. The working time of the fixed battery is limited. Please connect the on-board power supply in daily use.
There are three ways to charge the battery. The red charge indicator lights up during the charging process. The whole charging time is about 180 minutes. The red charge indicator lights out automatically after charging.
1: use the power adapter to charge.
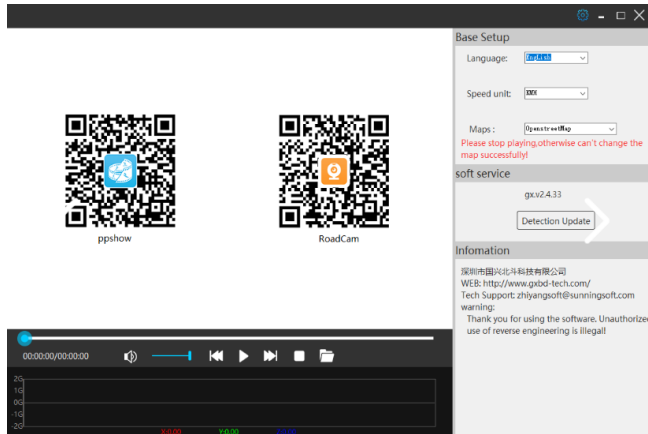2: charging with PC-USB.
3: charging with vehicle power.

Note: When using this product due to improper operation caused by machine failure, you can remove the battery or press the reset button and then turn on, you can restore to normal.
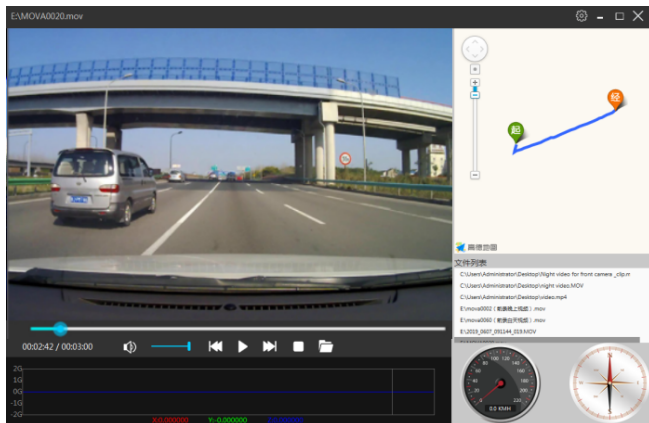
GPS track map player download

1.PC version enters website http://www.sunningsoft.com/en/pcgps.html Download

Remarks: system requirements: 1 windows 7/8/10 operating system, 64 bits, 32 bits; (windows XP does not support)
After downloading and installing, the following interface appears when opening the player:

Open the software after installation, open the video file that needs to be played, or drag the file directly to the player bar, then display the GPS track after playing.

Product specifications

Product Name: vehicle mounted recorder
Product features: high-definition camera, high-definition video.
Display: 2.7 inch HD display
Lens: the front lens is 140 degrees, and the rear lens is 120 degrees.
Video resolution: front lens 1080FHD, 720P, rear lens 720P
Photo mode: front lens 12 million pixels, rear lens 1 million pixels.
Video and video coding format: H.264
File type: MOV
Photo format: JPEG
Language: Russian, Japanese, French, Italian, German, western, English, Chinese (Simplified), Chinese (Korean), Korean, etc.
Circular Video: Seamless circular video without missing seconds.
On board switch machine: support car ignition, turn off and turn off.
Mobile detection function: support
Year, month and day: support
Memory card: TF (maximum support 32GB)
Parking monitoring: support
Gravity induction: support
GPS : support (matching)
Microphone: support
Built in audio support
Current frequency: 50HZ/60HZ
Power interface: 5V 1.5A
Battery: built-in battery

Troubleshooting:

Under normal operation, if there is a problem, please refer to the method to solve it.
Can not take pictures, video
Check if TF card has enough space and lock it.
When video is recorded, it will stop automatically.
Because HD video data is huge, please use a high-speed TF card compatible with SDHC, high-speed TF card will have C4 or C6 logo.
During the replay of pictures and videos, a "file error" prompts.
TF card storage error occurred, incomplete file, please use the camera "format" function, reformat TF card.
The image is foggy.
Please check whether there is dirt or finger print on the lens. Before shooting, use lens paper to wipe the lens.
When shooting sky, water and other scenes, the image is very black.
In large contrast scenes, the camera's automatic exposure function can be affected by adjusting the "EV" value in the machine settings menu.
Under cloudy day and indoor light source, the color is not perfect enough.
Please check whether the "white balance" function of the machine is set to automatic.
On the machine
Please press the reset button to resume the restart.