

Thank you very much for purchasing our car dash cams.

(1).Product structure pictures



1.USB 2.Reset hole 3.Auxiliary key 4. Power 5. TF card slot 6.HD display 7.MIC
8.Front cam 9.Speaker 10.AV interface

Button function description:

Power on/off

In the power off state, press and hold the power button for 3 seconds to turn on the power of the machine.

In the power on state, press and hold the power button for 3 seconds to automatically save the recording files and turn off the machine.

2. Reset hole function description

The reset hole is on the back of the machine, if crash happens, please press the reset hole and reconnect the power to restore files normal.

(2). Product installation guide:

1.Turn off the car engine

2.Insert the TF card and SIM card into the card slot of dash cam

【 Attention 】Please use high-speed SD card (Class10 or above, capacity is not less than 8GB, max to 64GB, and to format the SD card with the machine or PC before using)

3. Fix the dash cam to the rear mirror of the car.
4. Insert the car charger into the car cigarette lighter, and please use the standard 1.5A car charger.
5. Install the rear camera on the rear of the vehicle and pay attention to the direction of the camera when installing. Pave the cable alongside the roof of the vehicle. After the installation is completed, put the rear plug into the rear camera interface of the dash cam, and connect the red reverse cable of the rear camera to the positive pole of the reverse lamp.
6. Connect the dash cam USB interface to the car charger with a charging extension cable.

【Attention】 Pave the cable alongside the edge of windshield.

7. Adjust the lens position to ensure that the lens are level with the ground.
 8. Start the engine and check whether the machine is installed correctly.
- Suggest to install the machine on the position of original rear mirror of the car.
(picture is just for reference)

The suggested position to get power supply.

The suggested route to pave the cable.

The picture shows you how to pave the rear cam cable---fix machine on A and fix rear cam on B or C based on actual situation.

(3).Product installation and use precautions

1. Before installation, please check the accessories carefully to ensure that the products and accessories are correct and complete, and then start the installation.
2. During installation, be sure not to insert the car key into the power supply, and do not insert or pull out any machine accessories in the status of Power-on, including: rear camera, SIM card, SD card. These actions should be completed when power is turned off.
3. When the car key is plugged into the vehicle, the dash cam will automatically turn on. Please check whether the function of power on/off, the front and rear

cameras and the rear view display are normal.

4. When the machine is in use, it is forbidden and dangerous to pull and insert the rear camera plug, GPS antenna and SD card, which will cause the recorded video files to be damaged and the machine to be abnormal or damaged.

5. If you need to download the recording videos and images, press SD card directly when the car is turned off. Then insert the SD card into the machine again when the vehicle is turned off.

6. You must use C10 high-speed card (recommended capacity 8G-32G), lower than C10 will cause problems like video stutter, black screen, video can not be recorded or not be played or not automatically be covered.

(4).product function description

NO.	Function	Description
1	Features	HD camera, HD video recording, two-way video recording
2	Touch screen	Support (3 inch HD touch screen)
3	FOV	HD wide viewing angle
4	GPS	Integrated with holder
5	WiFi	Built-in
6	Language	Chinese
7	Take photos	Support
8	G-sensor	support
9	Date stamp	support
10	Loop recording	Support
11	Reverse image	Support

(5).Product specification

Sensor	CMOS sensor
Lens	HD Lens
LCD	3 inch OLED display
MIC/Speaker	Built-in
Photo	JPG format
Video	AVI format
Audio	Built-in microphone/speaker(AAC, MP3)
storage	SD card (max to 64G)
Flash	Electronic shutter
Car charger	5V/1.5A
Working temperature	-10℃-50℃（suggested）
Working humidity	10%-70%RH
Battery	400mAh 3.7V

Note: Product parameters may be changed due to product upgrades, updates, etc., subject to the actual products.

(6). Simple troubleshooting

①: The machine shows that the memory card is full and cannot be loop recording.

1.The machine will reminder you to format the SD card when the new card is used for the first time on the machine. Even though there is no reminder, please format SD card first and then use it.

2.Check the recording duration/loop recording settings: there are options 1 minute/2 minutes/5 minutes/off. If you select the Off option, the machine cannot carry out loop recording.

3.Check if G-sensor is set to high, If so, the car will jolt and shake the machine

during the driving process, which will cause the file to be locked. The locked file cannot be overwritten and if there are too many locked files accumulate, the SD card will be full and stop loop recording.

②: Power on/off automatically:

Please check if the parking mode is turned on. If so, the machine will automatically turn on and record when it detects a collision or a shaking, and automatically shut down after the recording time is due (depending on the recording time setting).

③: The rear camera cannot show videos and images

1. Please check if the AV plug is connected correctly and whether the camera is plugged in.

2. Check if the machine setting item is off, the default is open, and confirm whether it is set to display only the front lens.

④: Video stutter or button lag during recording

Please check whether the SD card is a high-speed card (class10). If not, you may have problems such as missing seconds, video playback stutter, screen mess, and crash. (Because the quality of high-speed cards is uneven in the market, you should purchase branded SD card).

⑤: Do not save the settings

1. After finishing settings, you must manually press the shutdown button, then the settings will be saved.

2. When abnormal electricity blackout happens, the settings are too late to save the current data.

⑥: When you change to reverse gear, the rear cam will have some problems on the display like strip interference, black video, screen mess.

1. Please check if the cable of the camera is connected correctly. Correct connection: the red cable is connected to the positive pole of the vehicle, the black cable is the test one, do not need to connect! (Note: the rear cam only be connected to 12V, and can not be connected to 24V truck ones, otherwise the machine will be burned).

2. Please check whether the machine is low battery, if so, the above problems will happen. Because of the interference of some car models' rear lamp voltage pulse signal (German car, American car, Toyota, etc.), there are problems like black screen, screen mess, etc during reversing. If it happens during the installation, users can install a RC reversing filter between the 12V power supply cable and the car lamp power, as follows:

Specifications:

Parameters: resistance (value: 300Ω - 8200Ω 1/4W) electrolytic capacitor 10 UF (50V withstand voltage) (Red and blue cables twist together to connect the positive pole, connect black one to the negative pole)

Connection method: red cable is connected to the positive pole of the reverse lamp, black cable is connected to the car taillight iron case, blue one is connected to the rear view camera reversing test cable, as close as possible to the taillights to form the loop, and then fix and wrap the cable with insulating tape.

Seven: Automatically black screen or power off after booting for a while

The screen saver time is set or some models' default is 3 minutes. If you don't need a screen saver, you can choose to turn it off.

Warm prompt:

1. The machine is forbidden to be disassembled, impacted, squeezed or put into fire. If the battery is severely inflated, do not continue to use it.
2. Please avoid high temperature and direct sun exposure when you use outdoor.
3. Please use original accessories
4. Do not disassemble this product. If you need any after-sales service or repair, please contact the sales staff or customer service center to serve you.

(7).Disclaimer:

Dash cam is a recording machine to record images, videos and sounds while the vehicle is in motion. And it is only used as an auxiliary reference when an accident happens.

Special note: The machine must be in normal recording mode to record video files. However, the image may be damaged or lost in the following cases:

1. Pulling out the SD card during recording will cause the last video file to be damaged or lost .

2. Abnormal electrical blackout during recording will cause the last video to be damaged or lost.

3. Suffering from devastating collisions during recording will cause video files to be damaged or lost.

4. A large collision occurred during the recording will cause the SD card to be loose at the time, so that the video files will be damaged at the time.

5. The videos recorded by the dash cam are only for reference. Our company is not responsible for the bad files and data losses caused by the abnormal working conditions of the machine.

FCC Statement

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE:

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.

The device should be keep 20cm away from people.

FCC ID: 2ASWV-A68X