



AceCam

A16 User Manual



Document Your Life

Contents

Product Introduction	1
Before Using	1
Controls	2
Function	2
Operation Guide	3
Recording Video	4
Taking pictures	5
Playback	5
Settings	6
FAQ	10

Product Introduction

The AceCam A16 Dash Cam is a device that can record video and audio information while driving. With this dvr (Digital Video Recorder) camera, you can protect yourself and provide clear evidence from a car accident, vehicle damage (with motion activated recording after your car is parked), unscrupulous drivers and police officers, and/or other vehicle incidents. It can also provide recordings to document travel, events, or views/landscapes while on road trips.

Please note that there are 2 versions of this camera, one version with a front camera, and one version with a front and rear camera. If you did not order the version with a rear camera, please disregard the rear camera features in this manual.

To use this device correctly, please read the full guide below before using.

Notice Before Use

1. Please use an original high-speed class 10 TF data card (not included) to store videos and photos. Inferior cards (or cards not formatted) may not be compatible with this device; if so, you may see a "file error" or "SD card error" message, or experience freezing and file reading issues. Up to a 32GB TF card is supported.
2. You must format the memory card upon initial use. If there are existing videos or photos on the card they will not be visible/readable by the dash cam as they will be stored in a different format.
3. Pay attention to the insert direction of the card. There should be no resistance and the card should go in easily and smoothly. If the card is inserted the wrong way, it may damage the device and the card.
4. Please unplug the power cord (car charger lighter) when not in use, or when starting the car, as electrical surges can occur (especially with older cars) that can damage the dash camera.
5. This dvr device is specially designed for automobile use. Please use it inside

your car with a car charger. If your car is not on and the charger is not charging the device, the built-in battery is very small, and will only hold the charge for a very short period. Upon first use, the dash camera may need to be charged for up to 30 minutes for a base charge to build up.

6. This device only allows electrical power of 5V 1A, so please DO NOT use any home chargers or USB cables to recharge. You MUST only use the AceCam original car charger, or certified replacement charges. Other charger adapter have higher power output (e.g. 12V), which can burn out the device and void the warranty. Also, please note that if the power coming from your vehicle has interference (more likely with older vehicles), you may hear static noise from the camera and see small lines on the screen. You can check the battery and power connections in this case.

CONTROLS



◎/OK	Short press → OK	Long press → Power ON/OFF
III	Short press → Mode	Long press → Menu
◀	In the menu → Up	Short press in recording → Switch front and rear image
▶	In the menu → Down	Short press in recording → Record audio ON/OFF

FUNCTION

1. Cycle (Loop) Recording

Cycle recording usually has 1 min, 3 min, or 5 min loop settings. With this recording feature, the dvr camera can overwrite old video (except locked video that you select) automatically, so that the sd card will not fill up and can be continually used.

2. Motion Detect

The motion detect feature can be used in dvr standby mode. If something moves in front of your car, the dvr will detect it and start recording automatically. This function can be used to protect your car even when you are not there.

3. G-SENSOR

G-Sensor means Gravity Sensor; this is another vehicle protection feature. If your car receives external force suddenly (e.g. hit with another vehicle, person, or object), the G-Sensor can sense and lock the most recent video loop immediately. This locked video can be kept as evidence of accident, as it will not be overwritten by the normal cycle recording.

4. Parking Monitor

When you park your vehicle, you can turn on the parking monitor function to make the dvr camera record while parked to avoid (or record and provide evidence) any damage to your car like attempted theft, scratching, or denting. Please note that there is only a limited charge in your camera for these recordings; to extend the availability of parking recordings, you can buy an external power connector so your dash cam will remain fully powered.

Reminder: all car dvr recorders have small batteries inside and will only record for 2-3 minutes without active recharging. Ideally the parking monitor function will be used with a direct power connection to the vehicle battery.

Operation Guide

- 1. Power On/Off:** Continually press (hold) the power button for 2~3 seconds to turn the dvr on & off.
If have a storage card already inserted, once the dashcam is on it will enter into recording mode automatically.
- 2. Start/Stop recording:** In video mode, press the OK button quickly (short press) to start recording. Press it once again, and the recording will be stopped.
- 3. Photo:** In photo mode, quickly press the OK button to take a photo.
- 4. Playback:** In playback mode, quickly press the OK button to play the video.
- 5. OK button:** In video mode/photo mode/playback mode, short press the MENU button to enter the menu screen. Quickly press UP/DOWN to browse, and quickly press the OK button to select an option.
- 6. Up button:** In menu setting and camera switching mode, it is an up function. In video recording mode, quickly press the up button to switch on / off sound (audio) recording.
- 7. Down button:** In menu setting and camera switching mode, it is a down function. In video recording mode, quickly press the DOWN button to switch on/off emergency lock, hold the down button to switch rear and front camera image display.

- 8. Menu:** In standby mode, quickly press the MENU button once to enter the main menu setting. Quickly press the UP/DOWN buttons to move within the options, then quickly press the OK button to select. When finished, quickly press the MENU button to exit.
- 9. Mode button:** In standby mode, short press the MODE button to switch between different modes (Video/Photo/Playback).

Recording video

In Video mode, the  icon will be displayed in the upper left corner of the screen; press the  button to start recording.



REC  icon will appear flashing in the upper left corner. To stop recording press  button.



Taking pictures

1. Press the MODE button.

In the upper left corner of the screen, the  icon will be displayed.

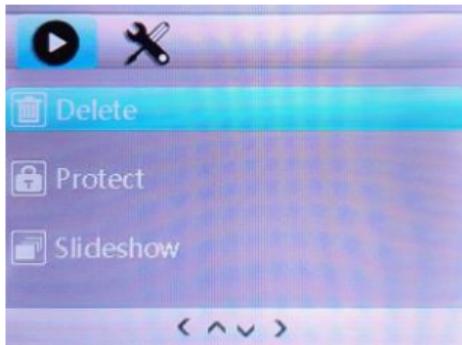


2. Press the OK button to take a picture.

Note: Hold the camera steady when taking pictures, otherwise the pictures will come out blurry.

Playback

1. **Browsing files:** Press the MODE button to switch to playback mode, browse files using the UP/DOWN buttons.
To play back a file, press the OK button.
2. **Delete and Protect:** In playback mode, press the MENU button and select “Delete” . You will have two options: select “delete current?” to delete the selected file, and “delete all?” to delete all the files on the memory card (except the protected files).
Press OK button to select and confirm.



In playback mode, continually hold the MENU Menu button, select "Protection" to see protection (lock) options. Select "lock one" to protect the selected file, and "lock all" to protect all the files on the memory card. Select "unlock one" to unlock the selected files, and "unlock all" to unlock all the protected files on the memory card.

SETTINGS

General settings

In any mode, press the MENU button twice, to open general settings menu.



Date/Time	Set date and time
Auto Power Off	Select the automatic power off delay time
Screensavers	Select the screen turning off delay time
Beep Sound	Activate / Deactivate button pressing sounds

Browse settings using the UP/DOWN buttons and the OK button to edit and confirm a setting.



Language	Select the menu display language
Frequency Screen refresh rate	50 Hz or 60 Hz
Format	Select to format the memory card
Default setting	Select to revert to factory settings
Version Firmware version	Select to check system firmware version

Video settings

In video mode, press the MENU button.



Resolution	Select recording resolution
Loop Recording	Select recording split duration, or deactivate the cyclic recording function
WDR	Activate / Deactivate WDR high dynamic range
Exposure	Adjust image exposure level



Motion Detection	Activate / Deactivate motion detection trigger recording
Record Audio	Activate / Deactivate recording with sound
Date Stamp	Activate / Deactivate date stamp on the recording
G-Sensor	Adjust sensitivity level for the gravity sensor
Parking Monitoring	Adjust sensitivity level for the parking mode

Photo settings

In photo mode, press the MODE button and press the MENU button.



Capture Mode	Select the shooting method single shot /delay
Resolution	Adjust photo resolution
Burst Photo	Activate / Deactivate burst shooting mode
Quality	Adjust image quality



Sharpness	Adjust sharpness level
White Balance	Adjust the white balance according to the environment
ISO	Select light sensitivity level
Exposure	Adjust image exposure level
Date Stamp	Activate / Deactivate date and time stamp on the photo

FAQ:

Q: Why does my dvr camera indicate "SD card Full" ?

A: 1) Please check if your memory card is an original brand high speed Class 10 memory card. If you use a lower class card like Class 4 or Class 6, it will indicate "SD card full" because it is not compatible for high resolution/speed videos. (Also please note: DVR max support is for 32GB cards)

- 2) Please check your dvr MENU settings if you have configured Loop Recording. You must select Loop Recording 'ON' for this function to enable overwriting of videos.
- 3) Please check your dvr MENU settings if you have turned OFF G-Sensor, Parking Monitor & Motion Detect. If G-Sensor is on, the file will be protected to lock those files and they can not be overwritten, also the dvr will automatically go to recording all the time if Parking Monitor & Motion Detect is on, so the SD card will quickly fill.
- 4) Your storage card may have read/write issues with locked files and may need regular formatting. Fully clear the card by reformatting manually. You may need to do this manual cleaning if you regularly if you have a lot of locked files on the card.

Q: Why does my dvr camera turn on & off continuously?

A: Please check first if your dvr MENU settings are set on for the Parking Monitor and G-Sensor. Normally when the dvr enters Parking Monitor the camera will record automatically once it detects any touch or shake. Thus with constant vibrations, it can automatically turn on and off continuously.
The G-Sensor will also lock video files to avoid overwriting and allowing you to keep the files as parking evidence.
Please turn off these 2 functions in the MENU settings then try again if your camera is turning off and on continuously.
Also, please try turning off the Motion Detect function in the MENU settings. If Motion Detect is turned on, it will automatically initiate recording once there is any movement detected from the front camera.

Q: Why does my dvr freeze while recording?

A: Please check if your memory card is an original brand high speed Class 10 memory card. If you use a lower class card like Class 4 or Class 6, it will indicate "SD card full" because it is not compatible for high resolution/speed videos.

If you change to a new card still experience freezing, it may be a dvr camera firmware problem, please contact the seller to upgrade your camera firmware.

Q: Why is my dvr camera recording image not clear?

A: Please check the video link from the AceCam website (www.ace-cam.ca) showing an actual image from this dashcam – your recording quality should be very similar. Please note that there are also MENU settings to change the quality (1080P, 720P, VGA options).

The highest quality image is 1080P, middle quality image is 720P, and lowest quality image is VGA. Normally the highest resolution, 1080P, is selected, unless you have a very small storage card.

In addition, please note that video and image quality will also be affected by the environment and will not be as clear during the night or with fog or mist.

Additional Questions

For any other questions, please contact us online via our website

(<https://www.ace-cam.ca/pages/contact-us>)

or through Facebook

(<https://www.facebook.com/AceCamCanada>)