VIOFO

A119S

QUICK START GUIDE

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Notice

- Please do not install or operate with wet hands.
- Please do not install in a location of high temperature, inflammable gas, liquid and position that may affect driver visibility and safety.
- Please do not leave the device inside an airtight vehicle exposed to extreme heat.
- Please do not use power that exceeds rated voltage.
- Keep children away from products, accessories and pack.
- Use only original charging cable.The manufacturer is not liable for any injuries resulting from the use of other charging cable.
- Please do not disassemble the device and charging cable. Do not cut charging cable! Damage caused is not covered by warranty!
- Please do not press lens forcefully.
- Please do not use sharp object against dashcam or accessories.
- Please do not remove Micro SD card during recording and shutdown process to avoid file damage.
- It is recommended to use a Class 10, 8 GB or above Micro SD card (64 GB SD is highest supported type).
- It is necessary to format Micro SD card before first use to ensure stable read and write.
- Please do not interrupt power supply during system upgrade to prevent from bricking.
- Product function and contents of this manual may be changed without further notice.

Installation

Accessories

Car Adapter

USB Cable

GPS Mount (optional)

Non-GPS Mount

Clips

Mount Detaching Strong

Installation method

1) Install the Mount

① Slide the mount into the slot on the back of camera.

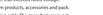
② Remove the paper from 3M sticker.

③ Choose a suitable location for instation and make sure you have the best view possible.

2) Connect to Car charger

Plug the cigarette adapter into your vehicle's power port. Insert the USB plug (opposite end of the power) into the USB port on the camera.

Note:
① For GPS version mount, please insert the USB plug into the USB port on the mount.
② For non-GPS version mount, just insert the USB plug into the USB port on the camera.



3) Adjust the View Angle

The adjust the angle through turning the lens up/down .

Tips:

- Please do not turn on motion detection unless your vehicle is parked. If motion detection is enabled while driving, the camera may not continuously record.
- It is recommended to use the G-Sensor set to low (default setting).
- Please do not install device in a location that will interfere with driver visibility or safety.
- Install device in a location close to the rear/view mirror for the best view.
- The lens should be positioned within the windshield wiper area to ensure a clear view on rainy days.
- Please do not install device on or near the area where the airbag operates.
- Install in a place where it will not be affected by the sun control film (window film) or any other electronic product to ensure optimal use.

Note: Please do not install device on air bag or within its working range.The manufacturer is not liable for any injury or death caused by deployment of air bag.

Introduction

Interface

(1) Power (2) Rec/Left (3) Menu (4) Emergency/Confirm
(5) Mic/Right (6) Grid Port (7) AV Out (8) Reset
(9) Card Slot (10) USB Port

LED

LED Color	Behavior
Solid Red	Power ON, Recording
Flashing Red	1. Power ON, not recording 2. Upgrading

Buttons and Icons

Mode	Buttons	Behavior
Standby Mode		To turn on/off device
		One click can enter setting menu
		One click can start recording
		One click can disable audio recording, once again to enable audio recording
Recording Mode		One click can turn off the screen, once again to turn on the screen
		One click can capture a photo
		One click can lock the file being recorded
		One click can stop recording
		One click can disable audio recording, once again to enable audio recording

Playlist Mode		To turn on/off device
		Back to previous menu
		1. To select the last video 2. To delete the video
		1. To select the next video 2. To lock/unlock the video
		1. To select the next video 2. To play/pause the video
Setting Menu Mode		One click can turn off the screen, once again to turn on the screen
		One click can lock is recording mode
		To select the last feature
		To select the next feature
		To enter the feature selected

Recording Mode
Recording Time
Video Resolution
Recording Status
Emergency Lock
Microphone
SD Card

Operation

1) Switch on

Insert the Micro SD card into the card slot; then connect the car charger to the dashcam's mini USB interface and car cigarette lighter. Start the engine, then the device will switch on automatically.

2) Switch off/on

① Automatic: When the power is turned on, simply turn off the ignition and the device will switch off after the set delay time.
② Manual: Switching the device off manually is required for vehicle models whose cigar lighter provides continuous power after the engine is turned off.
③ When the device has a power source, press and hold the power button switch at least 3 seconds to turn the device off.
④ Press the power button switch for at least 3 seconds to switch the device on.

3) Loop recording

① Insert Micro SD card into card slot and automatic loop recording will begin after power is supplied.
② Time frame for each video file is 1/2/3/5/10 minutes.
③ When there is insufficient space on the Micro SD card, loop recording will automatically overwrite the old files one by one.
④ Loop recording files are saved in SD card \DCIM\Movie folder.

4) Emergency recording

① Automatic emergency recording
When the G-sensor is activated and a collision occurs, current footage will be locked automatically to avoid being overwritten by loop recording.
Note: Collision sensing feature can be adjusted in settings under the "G-sensor" option .
② Manual emergency recording
Pressing the emergency recording button during footage recording will lock current footage to avoid being overwritten by loop recording.

5) Motion Detection

When this feature is activated, recording will begin if there is movement in front of the camera. Once the camera does not detect movement for 60 seconds, recording will be stopped and the device will switch to detect mode. The device will record again if it will detect a new movement in front of camera.

6) Play

① Under video mode, press button to access the playlist
② Using the arrow buttons to select the desired video and press the button to play.
③ Press the menu button to exit.

7) PC Mode

① Connect device to computer with mini-USB cable.
② Device will automatically turn on and "Mass Storage" will be displayed.
③ The computer will detect "removable disk".
④ There will be three folders under DCIM folder:
\Movie (loop recording files)
\EMR (Emergency recording video file)
\Picture (Video snapshot)
⑤ Copy files needed to computer drive.

Note:
When you're talking something secret in your car, you just need to press the "Mic" button once to avoid the audio recorded by the dash camera.

8) Firmware upgrade

① Download current firmware, unzip the file. Drag/drop or copy/paste the file to root directory of the Micro SD card.
② Insert Micro SD card into device card slot after the file transfer completed.
③ Plug into a power source and turn the device on.
④ LED indicator starts flashing for indication of upgrade.
⑤ Device will reboot automatically after upgrade is completed.
⑥ Access version option in the menu to check if the most current version is presented.

Note:

- Before using the micro SD card for upgrading the firmware, it is necessary to format it by the camera to avoid unknown file reading.
- Do not unplug or power down the device during the system upgrade to prevent the bricking from failing.

Setting

Press the Menu button during video mode to access the settings.

- Resolution: Setting video resolution of footage recorded, 1920x1080P 60fps, 1920x1080P 30fps, 1280x720P 120fps, 1280x720P 60fps, 1280x720P 30fps, are available for selection.
- Loop recording: Off/1/2/3/5/10 minutes.
- Exposure: Adjust the value of the EV(Exposure Value) to obtain the best quality of video footage in different scenes. Range is from -2.0 up to +2.0. Default is set at 0.0.
- WDR: Enable/disable WDR(Wide Dynamic Range)
- Time-lapse: Record video in time lapse mode.
- Motion Detection: When this feature is activated, recording will begin if there is movement in front of the camera. Once the camera does not detect movement for 60 seconds, recording will be stopped and the device will switch to detect mode. The device will record again if it will detect a new movement in front of camera.
- G-Sensor: Turns on/off GPS tracking. If disabled, your camera will no longer measure your speed and position nor synchronize the Traditional Chinese, and French, etc.
- Beep Sound: Turns on or off all notification sounds.
- Frequency: Adjusts the camera's frequency setting to minimize flicker from fluorescent lighting. Default is 50Hz.
- Speed Unit: Sets the speed unit, kilometer per hour (KPH) or miles per hour(MPH).
- Format: The G-sensor measures shock forces. The settings from "low to high" determine the amount of force needed to lock a file. Set to "Disabled" to prevent automatic file locking.
- LDWS(Lane Departure Warning System): When your vehicle is moving out of its lane on Highways, LDWS warns you by making alarm sound.

- FCWS (Forward Collision Warning System): When your vehicle is getting closer to the front vehicle, FCWS warns you by the alarm sound.
- Parking mode: Implies a customized set of 11 digits to the recorded video. Useful to add license plate or identifying features.
- Date Stamp: Imprints the time and date on the recorded video.
- GPS Info Stamp: Imprints the GPS information on the recorded video.
- Record Audio: Turns on and off the microphone. This can also be muted by pushing recording by pressing the microphone button.
- Screen Saver: Turns off the screen after the set time. Range is from 1 minute to 5 minutes.
- Date/Time: Setting system date/time.
- LED: Turns on/off the indicator lights for GPS line and date calibration, when the time zone must be manually adjusted for daylight savings.
- Language: Set the language display of system to English, Traditional Chinese, and French, etc.
- Beep Sound: Turns on or off all notification sounds.
- Frequency: Adjusts the camera's frequency setting to minimize flicker from fluorescent lighting. Default is 50Hz.
- Speed Unit: Sets the speed unit, kilometer per hour (KPH) or miles per hour(MPH).
- Rotation: The G-sensor measures shock forces. The settings from "low to high" determine the amount of force needed to lock a file. Set to "Disabled" to prevent automatic file locking.
- Default Setting: Restore device to factory settings.
- Version: Check the current firmware version of the device.
- Customize Text: Imports the customize text on the recorded video.