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VIOFO A119

VIOFO A119 Car Dash Cam User Manual

Model: A119

Brand: VIOFO

1. INTRODUCTION

Welcome to the user manual for your VIOFO A119 Car Dash Cam. This document provides detailed instructions on how to set up, operate, maintain, and troubleshoot your device. The A119 is designed to provide high-quality video recording for your vehicle, enhancing your driving safety and providing crucial evidence in case of incidents.

Key features of your VIOFO A119 include:

- HD 1440P Video Recording
- 2.0 Inch TFT LCD Screen
- Capacitor Power System for enhanced durability in extreme temperatures
- Novatek 96660 Chipset and OV4689 CMOS Lens
- Built-In G-Sensor for emergency recording
- Night Vision capabilities
- Loop-Cycle Recording
- Motion Detection
- 160-degree Wide Angle Lens

2. PRODUCT OVERVIEW

2.1 Package Contents

Please verify that all items are present in your package:

- 1 x A119 Car Camera
- 1 x Dual USB Car Charger
- 1 x USB Cable
- 5 x Cable Clips
- 1 x User Manual

- 1 x Key Chain

2.2 Device Components and Connections

The VIOFO A119 dash cam features a compact design with essential ports for power and data transfer. Below is an image illustrating a common connection component, such as a USB adapter, which is integral to the dash cam's power supply or data transfer setup.



Image: A white USB to Lightning adapter, similar to those used for connecting or charging various electronic devices. This component is typically used for power input or data transfer with the dash cam.

Familiarize yourself with the following ports and buttons on your A119 dash cam:

- **Micro USB Port:** For power input and connecting to a computer.
- **TF Card Slot:** For inserting your MicroSD card (up to 64GB, Class 6 or 10 recommended).

- **AV-out:** For video output.
- **Power Button:** To turn the device on/off.
- **Menu Button:** To access settings.
- **Record Button:** To start/stop recording.
- **Emergency Lock Button:** To protect current recording from being overwritten.

3. SETUP

3.1 MicroSD Card Installation

1. Ensure the dash cam is powered off.
2. Locate the TF card slot on the side of the camera.
3. Insert a compatible MicroSD card (Class 6 or 10, up to 64GB) into the slot until it clicks into place.
4. To remove, gently push the card in until it springs out.

3.2 Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the camera.
2. Attach the adhesive mount to the dash cam.
3. Peel off the protective film from the adhesive pad.
4. Firmly press the mount onto the windshield, ideally behind the rearview mirror for optimal view and minimal obstruction.
5. Adjust the camera lens angle to ensure it captures the road ahead clearly.

3.3 Power Connection

1. Connect the small end of the USB cable to the Micro USB port on the dash cam.
2. Connect the larger end of the USB cable to the dual USB car charger.
3. Plug the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
4. Route the cable neatly using the provided cable clips to avoid obstructing your view or interfering with driving controls.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Automatic:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on and power is supplied.
- **Manual:** Press and hold the Power button for a few seconds to manually turn the device on or off.

4.2 Recording

- **Start Recording:** Recording typically starts automatically upon power-on. A red indicator light or icon on the screen will confirm recording is active.
- **Stop Recording:** Press the Record button once to stop recording. Press it again to resume.
- **Emergency Lock:** During recording, press the Emergency Lock button to protect the current video segment from being overwritten by loop recording. This is useful for saving footage of incidents.

4.3 Menu Navigation

To access the settings menu, stop recording first (if active), then press the Menu button. Use the navigation buttons (usually up/down arrows) to scroll through options and the OK/Record button to select. Press the Menu button again to exit the menu.

4.4 Key Settings

- **Resolution:** Select your desired video resolution (e.g., 1440p, 1296p, 1080p, 720p). Higher resolutions consume more storage space.
- **Loop Recording:** Set the duration of each video segment (e.g., 1, 3, 5 minutes). When the MicroSD card is full, the oldest unprotected files will be overwritten.
- **G-Sensor Sensitivity:** Adjust the sensitivity of the G-sensor. If a sudden impact or braking is detected, the current video file will be automatically locked.
- **Motion Detection:** Enable this feature for the camera to start recording when motion is detected in front of the lens while parked. This requires continuous power supply.
- **Date/Time Stamp:** Ensure the correct date and time are set for accurate video timestamps.
- **Audio Recording:** Enable or disable audio recording.

4.5 Video Playback

1. Stop recording.
2. Enter playback mode (usually by pressing a dedicated playback button or navigating through the menu).
3. Browse through your recorded videos.
4. Select a video to play it on the 2.0-inch LCD screen.
5. Alternatively, remove the MicroSD card and insert it into a computer or card reader for playback on a larger screen.

5. MAINTENANCE

5.1 MicroSD Card Formatting

It is recommended to format your MicroSD card regularly (e.g., once a month) to maintain optimal performance and prevent data corruption. This can be done through the camera's menu settings. **Note:** Formatting will erase all data on the card, so back up any important files first.

5.2 Cleaning the Device

- Use a soft, dry cloth to clean the camera body and screen.
- For the lens, use a specialized lens cleaning cloth or solution to avoid scratches.
- Do not use harsh chemicals or abrasive materials.

5.3 Firmware Updates

VIOFO occasionally releases firmware updates to improve performance, add features, or fix bugs. Check the official VIOFO website for the latest firmware for your A119 model. Follow the instructions provided with the firmware download carefully to avoid damaging your device.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your VIOFO A119 dash cam.

Problem	Possible Cause	Solution
Camera does not power on.	No power supply; faulty cable/charger; damaged unit.	Check car charger connection and vehicle's 12V outlet. Try a different USB cable or car charger. Ensure ignition is on.
Camera restarts repeatedly.	Unstable power; faulty MicroSD card; firmware issue.	Ensure stable power connection. Try a different, high-quality MicroSD card. Format the card. Update firmware.
Video quality is poor/blurry.	Dirty lens; protective film still on lens; incorrect resolution setting.	Clean the lens. Remove any protective film. Set video resolution to 1440P or higher.
MicroSD card error/cannot record.	Incompatible/faulty card; card full; card not formatted.	Use a Class 6 or 10 MicroSD card. Format the card in the camera. Replace the card if issues persist.
Date/Time is incorrect.	Time not set; capacitor discharged.	Set the date and time in the camera's settings. Keep the camera powered for a period to allow the capacitor to charge.
No audio recording.	Audio recording disabled in settings.	Enable audio recording in the camera's menu.

7. SPECIFICATIONS

Detailed technical specifications for the VIOFO A119 Car Dash Cam:

Feature	Specification
Model	A119
Chipset	Novatek 96660
CMOS Lens	OV4689
Max External Card Supported	TF 64GB (not included)
Class Rating Requirements	Class 6 or Class 10
Screen Size	2.0 inch TFT LCD
Battery Type	No battery, power by capacitor
Power Source	Car charger
Wide Angle	160 degree wide angle lens
Camera Lens	6G F1.8
Video Format	MOV
Video Resolution Options	1440p, 1296p, 1080p, 720p

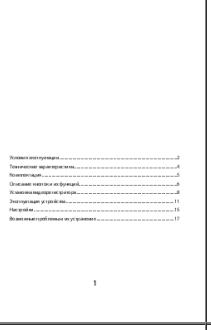
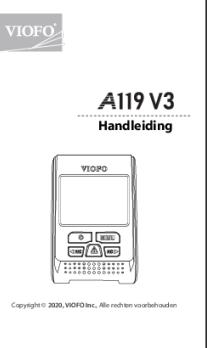
Feature	Specification
Video Frame Rate	1440p 30 fps / 1296p 30 fps / 1080p 30, 60 fps / 720p 30, 60, 120 fps
Audio System	Built-in microphone/speaker (AAC)
Product Dimensions (L x W x H)	10.00 x 5.00 x 5.00 cm (3.94 x 1.97 x 1.97 inches)
Product Weight	0.070 kg (0.15 lbs)
Special Features	G-Sensor, Night Vision, Built-In GPS

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official VIOFO website. The website typically provides detailed warranty terms, FAQs, and contact information for customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Official VIOFO Website: www.viofo.com

Related Documents - A119

	<p><u>VIOFO A119 Dash Camera User Manual and Troubleshooting Guide</u></p> <p>Comprehensive user manual for the VIOFO A119 Dash Camera, including technical specifications, installation instructions, operating procedures, settings, and troubleshooting tips for optimal performance.</p>
	<p><u>VIOFO A119 Mini Dashcam Bedienungsanleitung</u></p> <p>Umfassende Bedienungsanleitung für die VIOFO A119 Mini Dashcam. Erfahren Sie, wie Sie die Kamera installieren, bedienen, Einstellungen anpassen, Firmware aktualisieren und Fehler beheben. Enthält Details zu Aufnahmefunktion, Parkmodus, Wi-Fi-Konnektivität und Kundenservice.</p>
	<p><u>VIOFO VS1 Dash Camera User Manual and Installation Guide</u></p> <p>Comprehensive guide to installing, setting up, and using the VIOFO VS1 dash camera, including details on the VIOFO APP and HK4 hardwire kit.</p>
	<p><u>VIOFO A119 V3 Dash Cam User Manual</u></p> <p>Comprehensive user manual for the VIOFO A119 V3 Dash Cam, covering installation, operation, settings, and troubleshooting. Learn how to set up your car camera, manage recordings, and customize features for optimal performance.</p>

 A119 MINI USER MANUAL <small>Copyright © 2023 VIOFO. All Rights Reserved.</small>	<p>VIOFO A119 Mini Dash Cam User Manual</p> <p>Comprehensive user manual for the VIOFO A119 Mini dash cam, covering installation, operation, system settings, and troubleshooting. Learn how to set up and use your dash cam effectively.</p>
 VIOFO A119 Dash Cam: Quick Start Guide and User Manual	<p>VIOFO A119 Dash Cam: Quick Start Guide and User Manual</p> <p>Explore the VIOFO A119 dash cam with this comprehensive guide covering installation, operation, settings, and features like loop recording, G-sensor, and motion detection.</p>