

VIOFO A119 Mini

VIOFO A119 Mini Dashcam User Manual

Model: A119 Mini

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your VIOFO A119 Mini Dashcam. Please read this manual carefully before using the device to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The VIOFO A119 Mini is a compact and powerful dash camera designed to record your driving journey in high definition. It features advanced capabilities such as 2.7K recording, integrated Wi-Fi and GPS, and various parking surveillance modes.

Key Features

- **2.7K Recording + HDR:** The A119 Mini dashcam records in 2.7K, providing cinema-quality image clarity. This 2K recording ensures important details like road signs and license plates are easily recognizable, crucial for insurance claims or providing evidence to authorities.
- **Integrated Wi-Fi and GPS:** With 5GHz/2.4GHz Wi-Fi and the VIOFO mobile app, you can access system settings, view live footage, play back recorded videos, and download/share video files. The built-in GPS module records current speed and GPS location, with timestamp integration into the video.
- **Easy and Discreet Installation:** Its ultra-compact design allows for easy placement without obstructing your field of view. The A119 Mini measures only 4.6 x 4.1 x 7.4 centimeters and features a 1.5" TFT screen with clear fonts.
- **3 Parking Monitoring Modes:** Motion detection automatically starts recording when an event is detected. Time Lapse continuously records video at low frames (e.g., 1/2/3/5/10/15 fps). Low bitrate mode records continuously in mini file size, saving card space for extended parking mode recording. Buffered motion detection records 15 seconds before and 30 seconds after an event.
- **Super Night Vision:** Equipped with a Sony CMOS 5MP IMX335 sensor, it delivers significantly clearer images at night than most dashcams. The WDR function automatically balances lighting in bright and dark areas, capturing clear license plates even in strong car lighting at night.

Product Images



The VIOFO A119 Mini Dashcam shown alongside a smartphone displaying the VIOFO app interface, highlighting 5GHz Wi-Fi and GPS

features with a map overlay.



Mini Größe Pro Leistung

- Autoschlüssel Größe
- kleinstes keilförmiges
- Perfekt hinter dem Rückspiegel



A visual representation of the VIOFO A119 Mini Dashcam's compact size, comparing it to a car key and illustrating its discreet placement behind the rearview mirror.

2K 60fps/2.7K 30fps

Flüssigere Wiedergabe mit 60 fps, die Kennzeichen trotz hohe Geschwindigkeit noch mit QuadHD 1440P lesen kann.



SONY STARVIS Sensor



F1.6 Aperture Lens



HDR



An illustration demonstrating the superior clarity of 2K 60FPS recording compared to 1080P, showing improved readability of license plates at high speeds.

4x Schnelleres 5GHz Wi-Fi

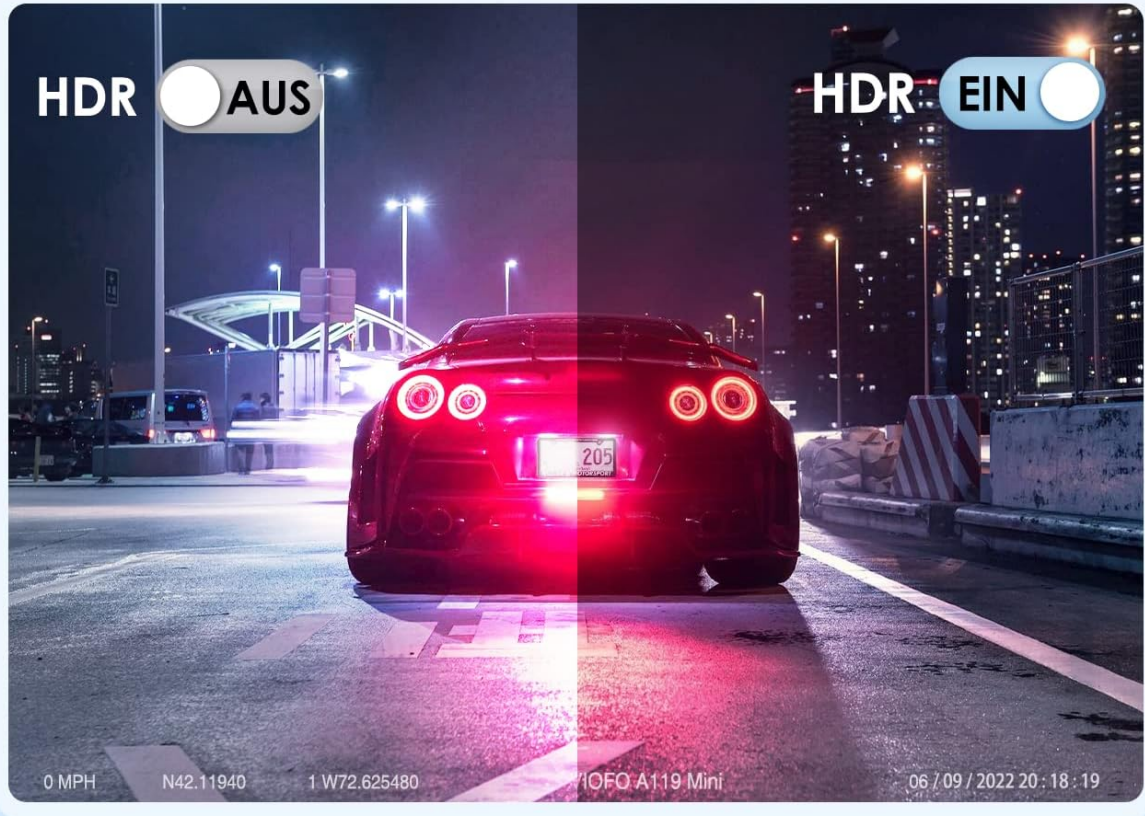
Eine stabilere und schnellere 5GHz Wi-Fi Geschwindigkeit zum Anzeigen, Herunterladen und Teilen von Videos anbieten.



The VIOFO A119 Mini Dashcam highlighting its 5GHz Wi-Fi capability, indicating faster and more stable video transfer to a smartphone.

HDR mit Mehrfachbelichtung

Bietet eine größere Auswahl an Lichtstärken, um die reale Bildqualität wiederherzustellen und Probleme mit Überbelichtung zu lösen.



A side-by-side comparison showing the effect of HDR (High Dynamic Range) on video quality, demonstrating improved exposure balance in challenging lighting conditions.

Eingebautes GPS Modul

Das GPS Modul kann die Zeit automatisch synchronisieren und Geschwindigkeit/Zeit/Reiseroute in der Videodatei aufzeichnen.



An image illustrating the built-in GPS module of the VIOFO A119 Mini Dashcam, which automatically synchronizes time and records speed/time/route data in video files.

24 Std. Parking Modus

Optimiert mit Puffer Funktion, beginnt die 45 sekündige Videoaufzeichnung 15 s vor und endet 30 s nach dem Ereignis.



Bewegungserkennung



Zeitraffer



Aufnahme mit
niedriger Birate



Hinweis: Muss mit Hardwire Kit Kabel oder Powerbank verbunden werden



15 Sek.(Vorher)

30 Sek.(Nachher)



A graphic explaining the 24-hour parking mode with buffer function, showing video recording starting 15 seconds before and ending 30 seconds after an event.

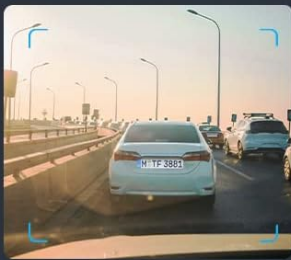
Optionale Bluetooth Fernbedienung

Einmal drücken, um Bild und Video zu speichern.



Optionaler CPL Filter

Die Reflexionen und Blendung durch Glas reduzieren.



Mit CPL



Kein CPL



An image showcasing optional accessories for the VIOFO A119 Mini Dashcam, including a Bluetooth remote for saving images/videos and a CPL filter to reduce reflections and glare.

Official Product Videos

No official product videos from the seller were found for this product.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact VIOFO support immediately.

- 1 x A119 Mini Dash Cam
- 1 x GPS Module with adhesive
- 1 x Car Charger Adapter with cable
- 1 x USB Type-C Cable
- 1 x 3M Adhesive Mount
- 2 x Static Windshield Stickers

- 1 x Trim Removal Tool

4. SETUP GUIDE

4.1 Mounting the Dashcam

1. Clean the windshield area where you intend to mount the dashcam. Ensure it is free of dust and grease.
2. Apply a static windshield sticker to the chosen area. This helps protect your windshield and makes removal easier.
3. Attach the 3M adhesive mount to the GPS module, then firmly press the GPS module onto the static sticker.
4. Slide the A119 Mini Dashcam onto the GPS module until it clicks into place.
5. Adjust the lens angle to ensure it captures the road ahead clearly, typically with the horizon in the middle of the frame.

4.2 Power Connection

1. Connect the USB Type-C cable to the dashcam's power port.
2. Plug the other end of the USB cable into the provided car charger adapter.
3. Insert the car charger adapter into your vehicle's 12V power outlet (cigarette lighter socket).
4. For 24-hour parking mode, a hardwire kit (sold separately) is required to provide continuous power.

4.3 Inserting and Formatting the SD Card

1. Ensure the dashcam is powered off.
2. Insert a high-endurance microSD card (Class 10 or higher, U1/U3 recommended) into the SD card slot until it clicks.
3. Power on the dashcam.
4. Navigate to the system settings on the dashcam's LCD screen or via the VIOFO app.
5. Select the 'Format' option to format the SD card. This is crucial for optimal performance and to prevent recording errors.

4.4 Connecting via Wi-Fi and VIOFO App

1. Download the VIOFO app from your smartphone's app store (iOS/Android).
2. On the dashcam, press the Wi-Fi button to enable Wi-Fi. The Wi-Fi indicator light will flash.
3. On your smartphone, go to Wi-Fi settings and connect to the VIOFO dashcam's Wi-Fi network (e.g., "VIOFO_A119Mini_XXXX"). The default password is usually "12345678".
4. Open the VIOFO app. You should now see the live view from the dashcam and be able to access settings, playback, and download videos.

5. OPERATING INSTRUCTIONS

5.1 Basic Recording

Once powered on, the dashcam will automatically start recording. A red recording indicator will flash. Videos are recorded in a loop, meaning older files will be overwritten when the SD card is full, unless they are locked.

5.2 Emergency Recording

The dashcam features a G-sensor that automatically detects sudden impacts or collisions. When triggered, the current video segment will be locked and saved to a separate folder, preventing it from being overwritten by loop recording. You can also manually trigger emergency recording by pressing the dedicated button (often marked with an exclamation mark or lock icon) on the dashcam.

5.3 Parking Mode Operation

The A119 Mini offers three parking surveillance modes:

- **Auto Event Detection:** The dashcam will automatically start recording when motion or impact is detected. This mode includes a buffer, recording 15 seconds before and 30 seconds after the event.
- **Time Lapse Recording:** Records continuously at a low frame rate (e.g., 1/2/3/5/10/15 fps), compressing hours of footage into minutes.
- **Low Bitrate Recording:** Records continuously at a lower bitrate, saving storage space while still capturing essential details.

To use parking mode, the dashcam must be connected to a continuous power source, typically via a VIOFO hardwire kit (sold separately).

5.4 Using the VIOFO App

The VIOFO app provides convenient control and access to your dashcam:

- **Live View:** See what your dashcam is recording in real-time.
- **Video Playback:** Browse and play back recorded videos directly on your phone.
- **Download & Share:** Download important video clips to your phone's gallery and share them.
- **Settings:** Adjust all dashcam settings, including resolution, loop recording duration, G-sensor sensitivity, Wi-Fi settings, and more.

5.5 GPS Functionality

With the integrated GPS module, the dashcam records your vehicle's speed and geographical coordinates. This data is embedded in the video file and can be viewed during playback using the VIOFO app or a compatible GPS player on a computer. This information can be vital for accident reconstruction and insurance purposes.

6. MAINTENANCE

6.1 SD Card Maintenance

To ensure optimal performance and prevent data corruption, it is recommended to format the microSD card regularly (e.g., once a month) using the dashcam's format function. Replace the microSD card every 6-12 months, especially if you use parking mode frequently, as continuous recording can wear out the card.

6.2 Cleaning

Use a soft, dry cloth to clean the dashcam's lens and body. Do not use liquid cleaners or abrasive materials, as they may damage the device. Keep the lens free of fingerprints and dust for clear recordings.

6.3 Firmware Updates

VIOFO periodically releases firmware updates to improve performance, add new features, or fix bugs. Check the official VIOFO website or the VIOFO app for the latest firmware. Follow the instructions provided with the firmware update carefully to avoid damaging the device.

7. TROUBLESHOOTING

If you encounter issues with your VIOFO A119 Mini Dashcam, please refer to the following common problems and solutions:

Problem	Possible Solution
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Problem	Possible Solution
Dashcam does not power on.	Check the power connection to the car charger and the 12V outlet. Ensure the vehicle's ignition is on if required. Try a different USB cable or car charger.
Recording stops or freezes.	Format the microSD card in the dashcam. Ensure you are using a high-endurance microSD card (Class 10, U1/U3). Replace the SD card if the issue persists.
Wi-Fi connection fails or is unstable.	Ensure Wi-Fi is enabled on the dashcam. Restart both the dashcam and your smartphone. Try forgetting the Wi-Fi network on your phone and reconnecting. Ensure you are within close proximity to the dashcam.
GPS not working.	Ensure the GPS module is properly connected to the dashcam. Make sure the dashcam has a clear view of the sky (not obstructed by tinted windows or other devices). Allow a few minutes for GPS signal acquisition.
Video quality is poor or blurry.	Clean the dashcam lens. Ensure the protective film has been removed from the lens. Check that the lens angle is correctly adjusted. Verify video resolution settings in the menu.
Parking mode not working.	Ensure a VIOFO hardwire kit is installed and providing continuous power. Check parking mode settings in the dashcam menu.

If these solutions do not resolve your issue, please contact VIOFO customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	VIOFO
Model Name	A119 Mini
Color	Black
Screen	1.5 inches
Connectivity Technology	Wi-Fi (5GHz/2.4GHz)
Special Features	Wi-Fi, GPS, HDR, Parking Mode
Compatible Devices	Smartphone
Rechargeable Battery	No (Capacitor based)
Video Recording Resolution	2.7K (2592x1944) @ 30fps, 2K (2560x1440) @ 60fps
Mounting Type	Windshield Mount
Vehicle Service Type	Car
First Available Date	September 8, 2022

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The VIOFO A119 Mini Dashcam comes with a 1-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Return Policy

A 30-day refund/replacement policy is typically offered from the date of purchase. Please refer to your retailer's specific return policy for details.

9.3 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please visit the official VIOFO website or contact their customer support team through the contact information provided on their website. Ensure you have your product model and purchase details ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question