VIOFO A129 Plus

VIOFO A129 Plus Dash Cam User Manual

Model: A129 Plus | Brand: VIOFO

1. INTRODUCTION AND OVERVIEW

The VIOFO A129 Plus is a high-performance dash camera designed to record your journeys in exceptional detail. Featuring 2K 1440P resolution at 60 frames per second, it captures clear video footage, including license plates and road signs. Equipped with built-in GPS and Wi-Fi, it offers advanced functionalities such as location tracking, speed logging, and seamless connectivity with the VIOFO mobile application. Its robust design includes a super capacitor for enhanced durability in varying temperatures and multiple parking mode solutions for continuous vehicle surveillance.

Figure 1: VIOFO A129 Plus Dash Cam and mobile app interface.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1x Front Camera
- 1x GPS Module with 3M Sticker
- 1x Car Charger (4m)
- 1x Mini USB Data Cable (1m)
- 2x 3M Stickers (for mounting)
- 2x Static (Windshield) Stickers
- 1x Trim Removal Tool

Note: The HK3 hardwire kit and microSD card are not included and must be purchased separately.

Figure 2: All items included in the VIOFO A129 Plus package.

3. PRODUCT FEATURES

- **2K 1440P 60FPS Recording:** The A129 Plus captures video at 2560x1440P resolution at 60 frames per second, ensuring clear and detailed footage for critical moments.

2K@60fps Resolution

Supports 2560x1440P videos at up to 60fps,
captures super clear details like license plates

Figure 3: Example of 2K 60fps video clarity, highlighting license plate capture.

- **HDR & Super Night Vision:** Equipped with a high-quality STARVIS sensor and High Dynamic Range (HDR) technology, the dash cam provides superior clarity and detail in low-light conditions and at night.

High Dynamic Range

HDR improves image clarity by increasing contrast, brightness, and color saturation even in low-light situations.
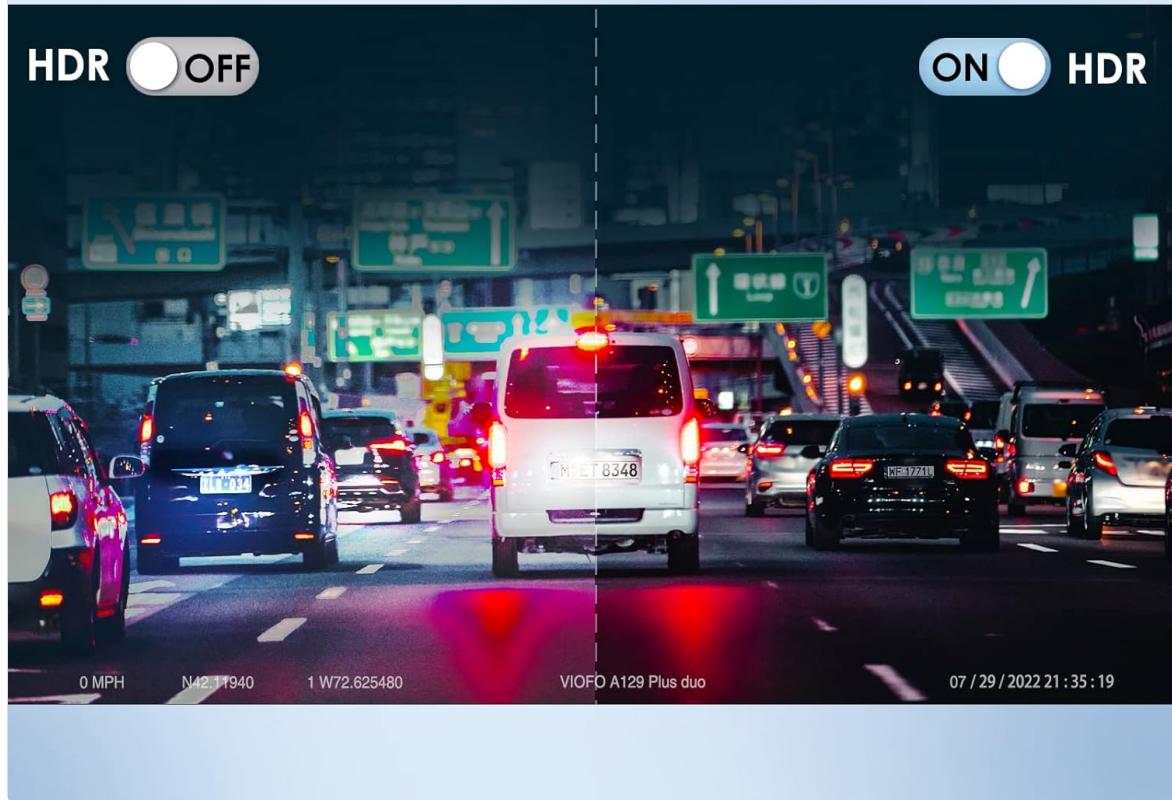

Figure 4: HDR technology enhances image clarity in challenging lighting conditions.

- **Built-in Wi-Fi & GPS:** Connect to the VIOFO app via built-in Wi-Fi for live view, video downloads, and settings adjustments. The integrated GPS logger records speed and location data, automatically synchronizing time with satellites.

Figure 5: Wi-Fi connectivity and GPS logging features.

- **3 Parking Mode Solutions:** Choose from Auto Event Detection (records upon impact/motion), Time Lapse (continuous low-frame recording), or Low Bitrate (continuous recording in small file sizes). An optional HK3 hardwire kit is required for parking modes.

Figure 6: Visual representation of the three parking mode options.

- **Additional Features:** Includes G-sensor for emergency recording, motion detection, auto start/stop, loop recording, built-in microphone & speaker, and support for up to 256GB microSD cards. Optional CPL filter and Bluetooth remote control are also supported.

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4. SETUP AND INSTALLATION

Follow these steps to properly set up and install your VIOFO A129 Plus Dash Cam:

1. **Prepare the Windshield:** Clean the area on your windshield where you intend to mount the dash cam. Ensure it is free of dust and grease for optimal adhesive adhesion.

2. **Apply Static Stickers:** Place one static (windshield) sticker on the cleaned area. This helps protect your windshield and makes removal easier.

3. **Attach GPS Module:** Peel off the protective film from the 3M adhesive on the GPS module. Firmly press the GPS module onto the static sticker on your windshield.

4. **Mount the Front Camera:** Slide the front camera onto the mounted GPS module until it clicks securely into place. Ensure the camera lens has a clear view of the road.

5. **Insert MicroSD Card:** Insert a compatible microSD card (up to 256GB, not included) into the designated slot on the side of the camera.

6. **Connect Power:** Connect the Mini USB Data Cable to the dash cam and the Car Charger. Plug the Car Charger into your vehicle's 12V power outlet.

7. **Route Cables:** Use the trim removal tool to neatly tuck the power cable along the edges of your windshield and dashboard to conceal it and prevent obstruction.

8. **Adjust Camera Angle:** Power on the dash cam and adjust the lens angle to ensure it captures the desired field of view. You can use the live view feature on the VIOFO app for precise adjustment.

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5. OPERATING INSTRUCTIONS

Familiarize yourself with the dash cam's controls and functions for optimal use:

Button Functions:

- **Power Button (Leftmost):** Long press to power on/off. Short press to take a photo while recording.
- **REC Button (Left Arrow):** Click once to stop recording. In menu, acts as 'Menu Up'.
- **Emergency Recording Button (Triangle):** Click once to lock the current video file, preventing it from being overwritten. In menu, acts as 'OK/Confirm'.
- **MIC Button (Right Arrow):** Click once to enable/disable audio recording. Long press to enable/disable parking mode. In menu, acts as 'Menu Down'.
- **Wi-Fi Button (Rightmost):** Long press to enable/disable Wi-Fi. Click once to change live video source (if multiple cameras are connected).

Basic Operation:

- **Auto Start/Stop:** The dash cam will automatically power on and begin recording when your vehicle starts, and power off when the engine is turned off.
- **Loop Recording:** Footage is recorded in continuous loops. When the microSD card is full, the oldest unlocked files are overwritten.
- **G-Sensor:** Detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically locks the current video segment to prevent it from being overwritten.

VIOFO Mobile App:

Download the VIOFO app from your smartphone's app store. Connect to the dash cam's Wi-Fi network (SSID and password displayed on the dash cam screen when Wi-Fi is enabled) to:

- View live video feed.
- Download recorded videos to your phone.
- Adjust dash cam settings (resolution, loop recording, G-sensor sensitivity, etc.).

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6. PARKING MODE SOLUTIONS

The VIOFO A129 Plus offers three intelligent parking modes to protect your vehicle while parked. An optional HK3 hardwire kit (not included) is required to enable these features.

- **Auto Event Detection:** The dash cam will automatically start recording when it detects motion or an impact while parked.
- **Time Lapse Recording:** Continuously records video at a low frame rate (e.g., 1/2/3/5/10/15 frames per second), compressing hours of footage into minutes.

- **Low Bitrate Recording:** Records continuously in parking mode with a reduced video quality to save storage space, allowing for longer recording times.

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7. Maintenance

MicroSD Card:

- **Formatting:** Regularly format your microSD card (at least once a month) within the dash cam's settings to ensure optimal performance and prevent data corruption.
- **Recommended Cards:** Use VIOFO industrial high endurance microSD cards (64GB/128GB/256GB) for best compatibility and longevity, as they are optimized for dash cam recording.
- **Replacement:** Replace your microSD card periodically, especially if you notice recording errors or performance degradation, as continuous overwriting can wear out the card.

Cleaning:

- **Lens:** Gently clean the camera lens with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials.
- **Windshield:** Keep the area of the windshield where the dash cam is mounted clean to prevent obstruction of the camera's view.

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8. Troubleshooting

- **Dash Cam Not Powering On:** Ensure the car charger is properly connected to both the dash cam and the vehicle's 12V power outlet. Check the vehicle's fuse for the power outlet.
- **Recording Errors:** Format the microSD card within the dash cam settings. If errors persist, try a different, high-endurance microSD card.
- **Wi-Fi Connection Issues:** Ensure Wi-Fi is enabled on the dash cam (long press the Wi-Fi button). Try restarting both the dash cam and your smartphone.
- **Overheating:** In extremely hot climates, dash cams can sometimes overheat. Ensure the dash cam is mounted in a shaded area if possible, or consider using a heat-resistant mount.
- **GPS Not Working:** Ensure the GPS module is securely attached and has a clear view of the sky. Check GPS settings in the menu.

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9. Specifications

Feature	Detail
Product Dimensions	2 x 1.62 x 3.25 inches
Item Weight	14.1 ounces
Item Model Number	A129 Plus
Batteries	1 Lithium Metal battery required (included)
Connectivity Technologies	Wi-Fi

Special Features	Built-In Microphone, Loop Recording, Night Vision
Color	Black
Manufacturer	VIOFO
Vehicle Service Type	Car
Video Capture Resolution	1440p
Mounting Type	Adhesive Mount
Field Of View	140 Degrees

10. WARRANTY AND SUPPORT

The VIOFO A129 Plus Dash Cam comes with a one-year warranty from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please refer to the official VIOFO website or contact their customer service directly. Ensure you have your proof of purchase and product serial number available when seeking support.

Related Documents - A129 Plus

	[VIOFO A119 Mini Dash Cam User Manual](#) 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.
	[VIOFO A129 Series Dashcam User Manual](#) Comprehensive user manual for the VIOFO A129 series dashcams, including A129 Pro, A129 Duo, and A129 Pro Ultra models. Covers features, installation, operation, specifications, and troubleshooting.
	[VIOFO A129 Plus Duo User Manual](#) Comprehensive user manual for the VIOFO A129 Plus Duo dash camera, detailing product overview, installation, operation, system settings, and optional accessories. Includes information on recording modes, connectivity, and firmware updates.
	[VIOFO VS1 Dash Camera User Manual and Installation Guide](#) Comprehensive guide to installing, setting up, and using the VIOFO VS1 dash camera, including details on the VIOFO APP and HK4 hardwire kit.
	[VIOFO A129 Plus Duo User Manual - Installation, Operation, and Settings Guide](#) Comprehensive user manual for the VIOFO A129 Plus Duo dash cam. Learn how to install, operate, and configure your dual-channel dash cam, covering features like Wi-Fi control, parking mode, and firmware updates. Visit VIOFO support for assistance.
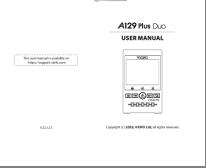
VIOFO A119 V3 取扱説明書

著作権はViofo Ltd.にのみ提示されています。

[VIOFO A119 V3 Dash Cam User Manual and Installation Guide](#)
Comprehensive user manual and installation guide for the VIOFO A119 V3 dash cam. Learn about features, setup, settings, and troubleshooting.