

Blackvue Elite 8-2CH

BlackVue Elite 8-2CH Dash Cam User Manual

Model: Elite 8-2CH

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BlackVue Elite 8-2CH Dash Cam. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.



Image: The BlackVue Elite 8-2CH Dash Cam system, including the main front camera, a smaller rear camera, a BlackVue branded microSD card, and a smartphone screen displaying the BlackVue app interface with key features like STARVIS 2 and 2K QHD recording.

PRODUCT OVERVIEW

Key Features

- Dual 2K QHD Recording with STARVIS 2 sensors for enhanced clarity.
- Dual HDR for balanced brightness and contrast in varying light conditions.
- Smart Parking Surveillance with pre-event recording and Time Lapse mode.
- Power Saving Mode for extended parking surveillance.
- Integrated Wi-Fi and Cloud connectivity for remote access and footage management.
- Built-in GPS and G-Sensor for impact and movement detection.

What's in the Box

- BlackVue Elite 8-2CH Front Dash Cam

- Rear Camera
- Car Mounts (for front and rear cameras)
- Power Cable (USB-C)
- Rear Camera Connection Cable
- microSD Card (512GB)
- Cable Clips
- Pry Tool

SETUP AND INSTALLATION

1. Prepare the MicroSD Card

Before installation, ensure the provided microSD card is inserted into the front dash cam. If using a new card, it is recommended to format it using the BlackVue app or PC viewer for optimal performance.

2. Mount the Front Camera

1. Clean the windshield area where the camera will be mounted.
2. Attach the front camera mount to the windshield, ideally behind the rearview mirror to avoid obstructing the driver's view. Ensure the lens has a clear view of the road.
3. Secure the front camera onto its mount.

NO HASSLE – JUST MOUNT, PLUG & DRIVE

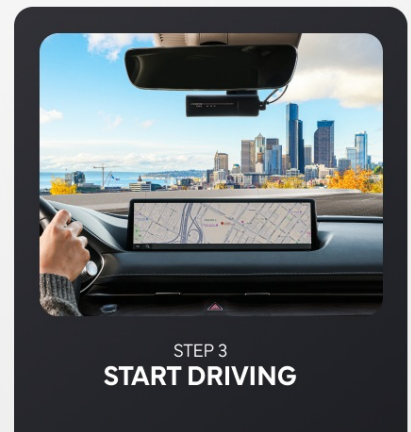
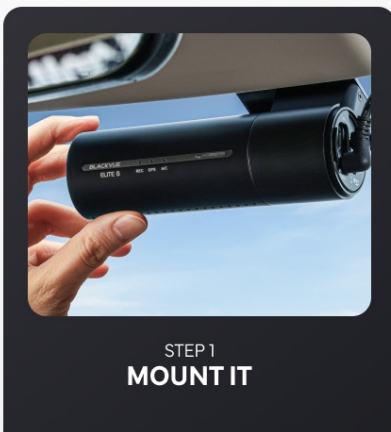


Image: A visual guide showing three steps for installing the dash cam: mounting the camera to the windshield, connecting the power cable, and starting the vehicle.

3. Install the Rear Camera

1. Mount the rear camera on the rear windshield, ensuring a clear view.
2. Connect the rear camera to the front camera using the provided coaxial cable.
3. Route the rear camera cable along the vehicle's headliner and pillar trim to the front camera, using the pry tool to tuck the cable neatly.

4. Connect Power

1. Connect the power cable to the front dash cam.

2. Plug the other end of the power cable into your vehicle's 12V power outlet (cigarette lighter socket) or a hardwiring kit (sold separately for advanced parking mode features).
3. Route the power cable neatly along the windshield and dashboard edges.

EFFORTLESS USB-C INSTALLATION

CONNECT IN SECONDS —
NO TOOLS, NO HASSLE.



Image: An illustration demonstrating the simple USB-C installation process for the dash cam, showing the camera mounted near the rearview mirror and the power cable connecting to a USB-C port in the car's console.

5. Initial Setup and App Pairing

1. Turn on your vehicle's ignition. The dash cam will power on and begin recording.
2. Download the BlackVue app from your smartphone's app store.
3. Open the app and follow the on-screen instructions for seamless pairing with your dash cam via Wi-Fi. This typically involves connecting to the dash cam's Wi-Fi network.
4. Once paired, you can adjust settings, view live footage, and download recordings.

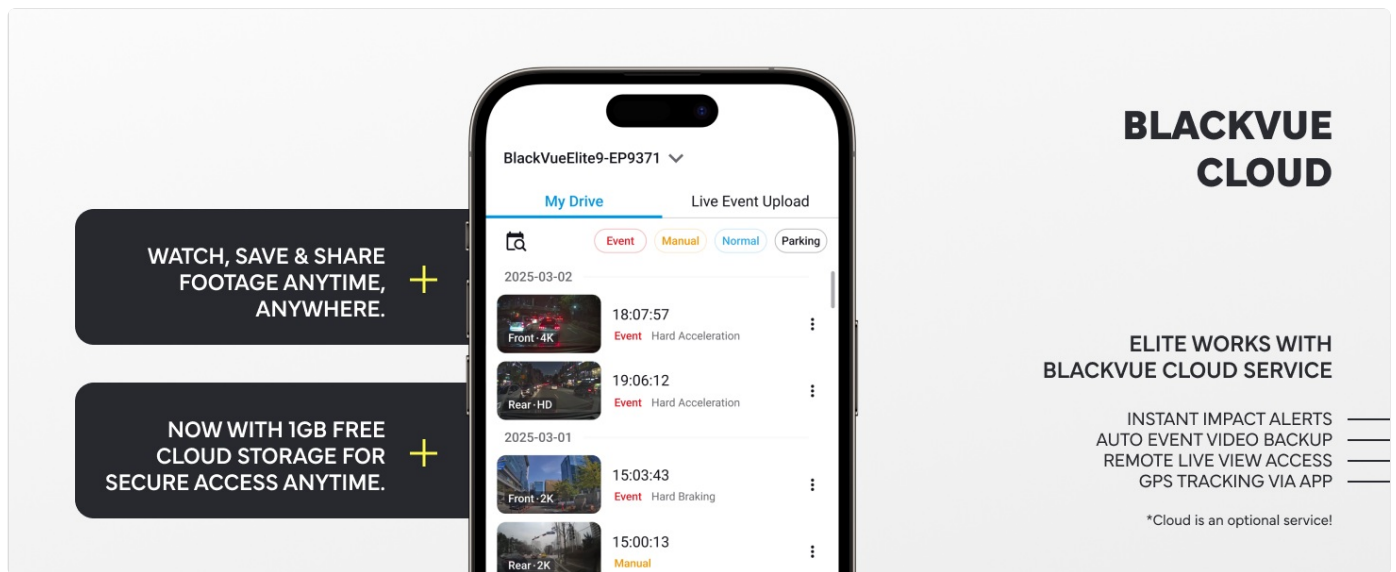


Image: A sequence of smartphone screens illustrating the seamless app pairing process for the BlackVue dash cam, showing notifications, camera list, and real-time streaming.

OPERATING INSTRUCTIONS

Recording Modes

- **Normal Recording:** Continuous recording while the vehicle is in motion.
- **Event Recording:** Automatically triggered by impacts or sudden movements detected by the G-Sensor. These files are protected from being overwritten.
- **Manual Recording:** Initiated by pressing a button on the dash cam, saving a protected segment of footage.

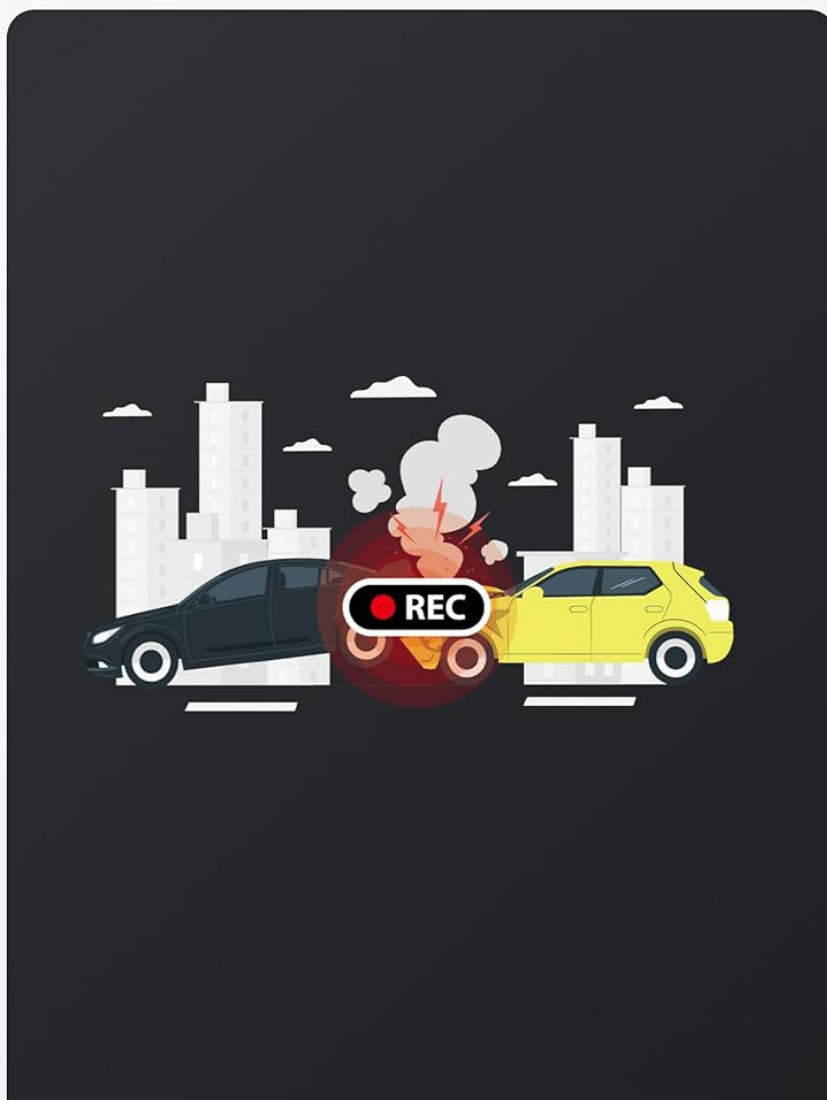
Parking Surveillance Mode

The BlackVue Elite 8-2CH offers advanced parking surveillance to monitor your vehicle when parked. Hardwiring is required for full functionality.

- **Smart Parking Mode:** Detects motion and impacts, saving footage from 10 seconds before the event.
- **Power Saving Parking Mode:** Consumes less than 1mA in standby and records instantly upon impact, enabling multi-day monitoring.
- **Buffered Parking Mode:** Records continuously in a low-power state and saves footage including the moments leading up to an event (motion or impact detection).
- **Time Lapse Mode:** Records one frame per second, optimizing microSD usage for extended surveillance.

ELITE PROTECTION 24/7

ELITE USES BUILT-IN G-SENSOR AND GPS TO DETECT IMPACTS, SUDDEN MOVEMENTS, AND SPEEDING.



↑
EVEN
WHEN
YOU'RE
AWAY

Image: A graphic illustrating the 'Elite Protection 24/7' feature, depicting a car collision being recorded by the dash cam and the footage being sent to the cloud, emphasizing continuous monitoring even when away from the vehicle.

POWER SAVING PARKING MODE



ULTRA-LOW POWER CONSUMPTION(<1MAH)

Records in under 1 second after impact with ultra-low power use



SEVERAL DAYS OF PROTECTION

Enable parking mode for extended periods of times.



HIGH HEAT RESISTANCE

Built - in super - capacitor Overheat protection

Image: A visual representation of the Power Saving Parking Mode, highlighting its benefits: ultra-low power consumption, capability for several days of protection, and high heat resistance due to a built-in super-capacitor.

SMART PARKING MODE



ADVANCED PROTECTION SYSTEM



ELITE PROTECTION – 24/7

WITH G-SENSOR AND GPS, ELITE CAPTURES IMPACTS, RISKY DRIVING, AND SHARP MANEUVERS.

Image: A diagram explaining Buffered Parking Mode, showing motion and impact detection (recording 10 seconds pre-impact) and Time Lapse recording (one frame per second for 30x playback speed).

Wi-Fi and Cloud Features

Utilize the BlackVue app to access your dash cam's features:

- **Live View:** Stream real-time video from both front and rear cameras.
- **Video Playback and Download:** Review recorded footage and download important clips directly to your smartphone.
- **Settings Configuration:** Adjust camera settings, recording options, and Wi-Fi preferences.
- **BlackVue Cloud:** With an internet connection (via a separate Wi-Fi hotspot in your vehicle or home Wi-Fi), access features like remote live view, instant impact alerts, GPS tracking, and cloud backup of event videos.

DOWNLOAD FAST – NO MORE WAITING

SHOW EVIDENCE INSTANTLY –
SEAMLESS WI-FI 5 TRANSFERS.

DOWNLOAD COMPLETE!

100%

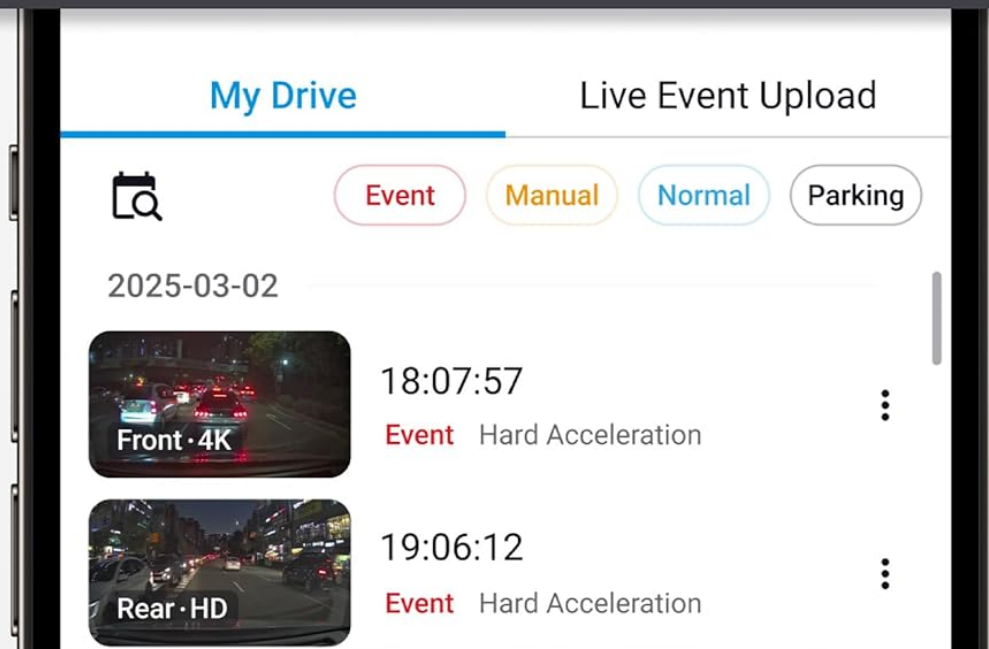


Image: A smartphone screen displaying a 'Download Complete!' notification, indicating successful transfer of dash cam footage via Wi-Fi, with a list of recorded events below.

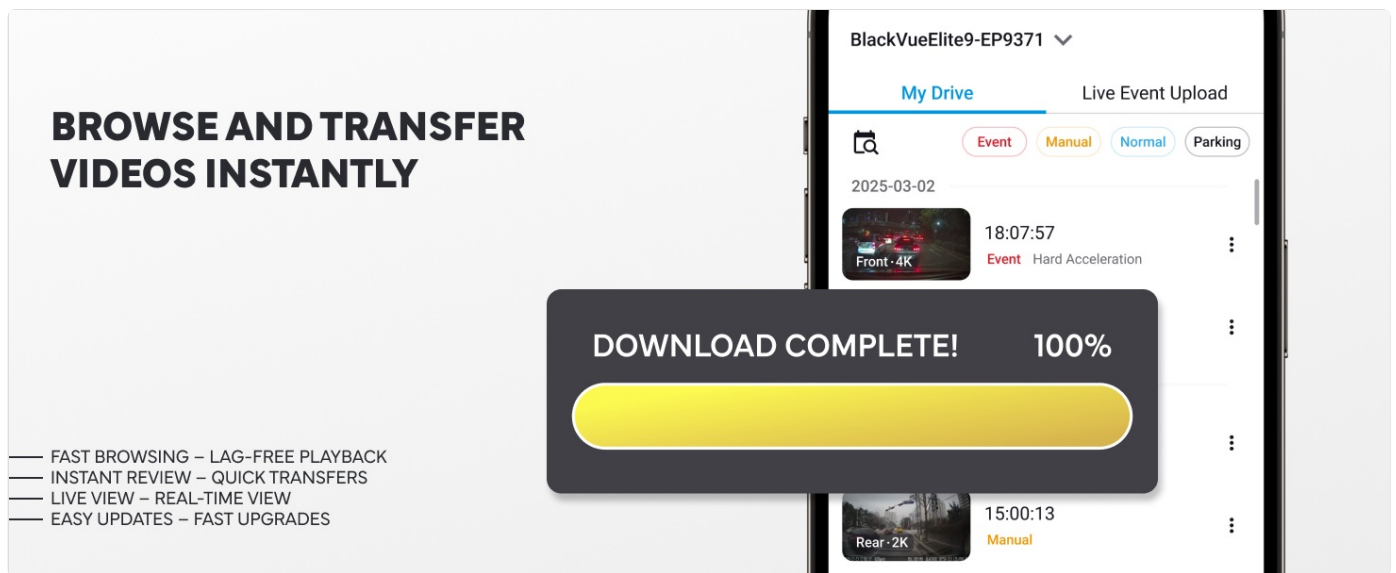


Image: A graphic detailing BlackVue Cloud features, including the ability to watch, save, and share footage anytime, anywhere, with 1GB of free cloud storage, instant impact alerts, remote live view access, and GPS tracking via the app.

Video Quality Features

- **2K QHD with STARVIS 2:** Both front and rear cameras record in 2K Quad High Definition (2560p) at 30 frames per second, utilizing Sony STARVIS 2 image sensors for superior low-light performance and clarity.
- **Dual HDR:** High Dynamic Range technology is applied to both cameras to ensure balanced exposure and detail in scenes with high contrast, such as bright sunlight and deep shadows.

REDEFINED CLARITY WITH DUAL HDR

BEFORE



AFTER



- No More Blurry Footage
- License Plates Stay Clear
- Day or Night – Even in Low Light

Image: A side-by-side comparison demonstrating the effect of Dual HDR, showing a 'Before' image with blurry license plates and an 'After' image with clear, readable license plates, highlighting improved clarity day or night.

STARVIS 2 2K QHD

All ELITE models use Sony STARVIS 2 sensors for top-tier video quality. With high sensitivity and low noise, they capture clear images in both day and night, enhancing object recognition and safety in any lighting condition.



Image: A comparison illustrating the benefits of STARVIS 2 2K QHD, showing a 'Before' image with grainy, less clear night footage and an 'After' image with significantly improved clarity and detail in low-light conditions.

MAINTENANCE

MicroSD Card Management

- **Formatting:** Regularly format the microSD card (at least once a month) to prevent recording errors and extend its lifespan. This can be done via the BlackVue app or PC viewer.
- **Replacement:** MicroSD cards have a limited lifespan. Replace the card if you experience frequent recording errors or if it fails to format. Use only high-endurance microSD cards recommended by BlackVue.

Cleaning the Camera Lenses

Gently wipe the front and rear camera lenses with a soft, lint-free cloth to ensure clear video quality. Avoid using abrasive cleaners that could scratch the lens.

Firmware Updates

Periodically check for firmware updates via the BlackVue app or website. Firmware updates can improve performance, add new features, and fix bugs. Follow the instructions provided with the update carefully.

TROUBLESHOOTING

Common Issues and Solutions

- **Camera not powering on:** Check the power cable connection to both the dash cam and the vehicle's power outlet. Ensure the vehicle's ignition is on.
- **Recording errors:** Format the microSD card. If the issue persists, try a new BlackVue-recommended microSD card.
- **Wi-Fi connection issues:** Ensure the dash cam's Wi-Fi is enabled. Restart both the dash cam and your smartphone. Try re-pairing through the BlackVue app.
- **Poor video quality:** Clean the camera lenses. Ensure the protective film has been removed from the lenses. Check settings in the BlackVue app to confirm desired resolution and quality.
- **GPS not working:** Ensure the dash cam has a clear view of the sky. GPS signal acquisition can take a few minutes after startup.

For more detailed troubleshooting, refer to the BlackVue support website or contact customer service.

SPECIFICATIONS

Feature	Specification
Product Dimensions	3.7 x 6.26 x 3.54 inches
Item Weight	1.93 pounds
Connectivity Technology	Wi-Fi
Special Features	Dual 2K QHD + STARVIS 2, Dual HDR, Power Saving Mode, Smart Parking Mode, Wi-Fi & Cloud
Video Capture Resolution	2560p (2K QHD)
Included Components	Car Mount
Mounting Type	Mount Bracket
Flash Memory Type	microSD
Manufacturer	Pittasoft

WARRANTY AND SUPPORT





Warranty Information

For detailed warranty information, please refer to the official BlackVue website or the warranty card included with your product. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

Customer Support

If you encounter any issues not covered in this manual or require further assistance, please visit the official BlackVue support page or contact their customer service directly. Contact information can usually be found on the BlackVue website.

Related Documents

 <p>BLACKVUE™ DR600GW-HD Manual</p> <p>PITTASOFT www.blackvue.com</p>	<p>BlackVue DR600GW-HD User Manual: Installation, Features, and Operation</p> <p>Comprehensive user manual for the BlackVue DR600GW-HD dashcam by Pittasoft. Learn about installation, safety precautions, product features, video recording modes, playback options, software configuration, and firmware updates.</p>
 <p>BLACKVUE™ Over the Cloud</p> <p>DR650S-2CH IR User Guide</p> <p>Infrared Interior Camera</p> <p>www.blackvue.com</p>	<p>BlackVue DR650S-2CH IR User Guide: Infrared Interior Camera</p> <p>User guide for the BlackVue DR650S-2CH IR dashcam, detailing its features, specifications, and installation instructions for the infrared interior camera.</p>
 <p>NAV-TV</p>	<p>BlackVue DR750X-2CH DMS Plus LTE NA 32GB: Advanced Dashcam & Driver Monitoring</p> <p>Discover the BlackVue DR750X-2CH DMS Plus, a dual-channel LTE cloud dashcam featuring AI-powered driver monitoring. It offers Full HD recording at 60FPS, infrared interior monitoring, Wi-Fi hotspot capabilities, and parking mode support for enhanced safety and connectivity.</p>
 <p>BLACKVUE™ Over the Cloud</p> <p>DR900S-2CH Manual</p> <p>www.blackvue.com</p>	<p>BlackVue DR900S-2CH Dashcam User Manual</p> <p>Comprehensive user manual for the BlackVue DR900S-2CH dashcam, detailing installation, video management, settings, troubleshooting, and product specifications. Learn how to operate your BlackVue dashcam effectively.</p>