

## Blackvue DR770X-2CH II

# BlackVue DR770X-2CH II Dash Cam User Manual

Model: DR770X-2CH II | Brand: BlackVue

## 1. INTRODUCTION

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The BlackVue DR770X-2CH II is a high-performance dual Full HD dash camera system designed to record both front and rear views of your vehicle. It features enhanced visual clarity, fast boot-up, USB-C power connection, and seamless video playback via Wi-Fi and Cloud services. This manual provides essential information for the proper installation, operation, and maintenance of your dash cam.



Image: The BlackVue DR770X-2CH II dash cam system, showing the front camera, rear camera, a BlackVue branded microSD card, and a smartphone screen displaying the dash cam's live view and settings.

## 2. PACKAGE CONTENTS

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Please verify that all items are present in your BlackVue DR770X-2CH II package:

- Front Dash Camera (Main Unit)
- Rear Camera
- Rear Camera Connection Cable
- USB-C Power Cable
- Cigarette Lighter Power Adapter
- BlackVue microSD Card (64GB)
- microSD Card Reader
- Cable Clips
- Spare Mount Adhesive Pads
- User Manual (this document)

## 3. SETUP AND INSTALLATION

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Proper installation is crucial for optimal performance and safety. It is recommended to refer to the installation video by scanning the QR code in the physical manual or visiting the BlackVue website.

### 3.1 Front Camera Installation

1. Clean the windshield area where the dash cam will be mounted.
2. Attach the front camera to the windshield, ideally behind the rearview mirror, ensuring it does not obstruct your view.
3. Adjust the camera angle to capture the road ahead clearly.

### 3.2 Rear Camera Installation

1. Mount the rear camera on the rear windshield, ensuring a clear view of the road behind.
2. Connect the rear camera to the front camera using the provided rear camera connection cable. Route the cable neatly along the vehicle's interior trim.

### 3.3 Power Connection

The DR770X-2CH II uses a USB-C power cable for a secure and tidy connection.

1. Connect the USB-C power cable to the front dash cam.
2. Plug the other end of the power cable into the included cigarette lighter power adapter.
3. Insert the power adapter into your vehicle's 12V power outlet.
4. For continuous parking mode surveillance, hardwiring is required (hardwiring kit sold separately).

# USB-C POWER CABLE KIT FOR EASY INSTALLATION

Set up fast with the included USB-C cable  
for a secure, clean, and seamless install.



Image: A close-up of the BlackVue USB-C power cable and cigarette lighter adapter, illustrating the secure and seamless power connection for the dash cam.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Recording Modes

The DR770X-2CH II offers various recording modes to ensure comprehensive coverage:

- **Normal Recording:** Continuous recording while the vehicle is in motion.



- **Event Recording:** Automatically triggered by impacts or sudden movements detected by the G-sensor. Footage from 10 seconds before the event is buffered and saved.
- **Parking Mode:** Activates when the vehicle is stationary. Records motion or impact-triggered events. Time Lapse mode provides continuous recording while minimizing storage usage. (Requires hardwiring)

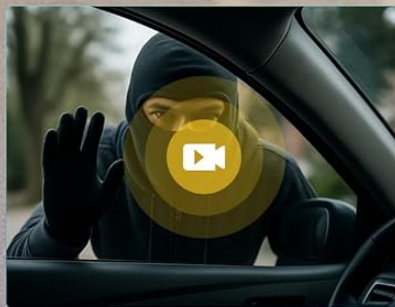
# STUNNING DUAL FULL HD



Image: Illustrates the dual Full HD recording capability, showing clear footage from both the front camera (60fps) and the rear camera (30fps) for comprehensive vehicle coverage.

# 24/7 SMART PARKING SURVEILLANCE

Records **motion and impacts** while parked, with **Time Lapse** for efficient, continuous coverage



Hardwire Cable Required

Image: Depicts the 24/7 Smart Parking Surveillance feature, showing icons for motion detection, impact detection, and time-lapse recording, indicating continuous coverage when parked.

## 4.2 Visual Clarity

Equipped with Sony STARVIS sensors and enhanced image tuning, the dash cam delivers high-quality video with rich detail and reduced noise, ensuring clear capture of license plates and other critical details even in low-light conditions.



# ADVANCED VISUAL CLARITY

Sony STARVIS sensors and image tuning ensure sharp footage with **low noise** and **clear license plate capture**, even in low light



Front : F2.0 aperture  
Rear : F2.0 aperture



Front : 140°  
Rear : 131°

Image: Demonstrates advanced visual clarity, showing a clear night-time recording from the dash cam, highlighting the ability to capture details like license plates in low light.

## 4.3 Wi-Fi & Cloud Connectivity

Access and manage your dash cam footage effortlessly:

- **Wi-Fi Playback:** Connect your smartphone to the dash cam via Wi-Fi to view and download videos directly using the BlackVue App.
- **BlackVue Cloud:** With a Wi-Fi hotspot or optional CM100G LTE module (sold separately), the dash cam uploads footage to BlackVue Cloud in real-time. Features include Live View, Remote Playback, Auto Backup,

# COMPATIBLE WITH BLACKVUE CLOUD SERVICE

Connect via Wi-Fi to access **Live View**, video playback, **GPS tracking**, and **push alerts** anytime through the BlackVue App

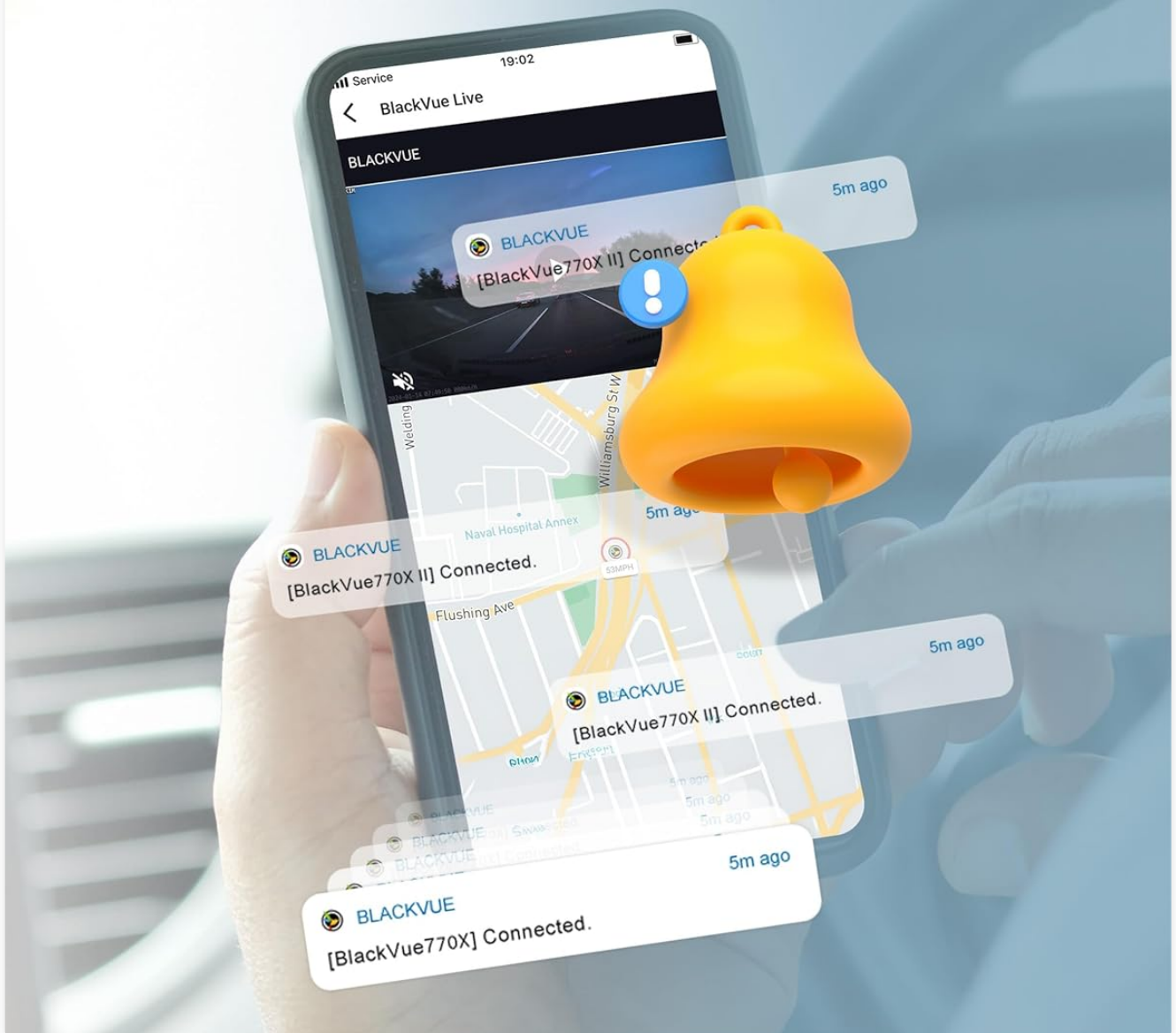


Image: A smartphone displaying the BlackVue app interface, showing notifications and map integration, illustrating compatibility with the BlackVue Cloud service for remote access and alerts.

## 4.4 Smart Event Detection with G-Sensor & GPS

The built-in G-sensor and GPS automatically detect and save critical footage:

- Detects impacts, sudden movements, and overspeeding.
- Saves footage from 10 seconds before each event.



- Up to 50 files are protected from being overwritten.
- A built-in Supercapacitor ensures data is safely saved in case of power loss.

# SMART EVENT DETECTION WITH G-SENSOR & GPS

Detects impacts and saves key footage  
with **10s pre-buffering**, protects up to 50 files,  
and ensures **safe backup** with a Supercapacitor



Image: Illustrates the Smart Event Detection feature, showing a car collision scenario and other driving events captured by the dash cam, emphasizing its ability to detect and save critical footage.

## 5. MAINTENANCE

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### 5.1 MicroSD Card Management

The DR770X-2CH II supports BlackVue microSD cards up to 1TB, allowing for extended high-resolution recording and longer Parking Mode sessions. Regular maintenance of the microSD card is important for optimal performance.

- **Formatting:** Periodically format the microSD card using the BlackVue App or Viewer software to maintain optimal recording performance and prevent errors.
- **Replacement:** MicroSD cards have a limited lifespan. Replace the card if you experience frequent errors or corrupted files.

# LARGE STORAGE CAPACITY UP TO 1TB

Supports up to 1TB BlackVue microSD cards  
for **extended high-resolution recording**  
and **longer Parking Mode** without losing key footage



1TB microSD card sold separately

Image: A BlackVue dash cam with a microSD card being inserted, highlighting the large storage capacity support up to 1TB for extended recording.

## 5.2 Cleaning

Keep the camera lenses clean for clear recordings. Use a soft, lint-free cloth to gently wipe the lenses. Avoid using harsh chemicals or abrasive materials.

## 6. TROUBLESHOOTING

If you encounter issues with your BlackVue DR770X-2CH II, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Dash cam does not power on.	Check power cable connection. Ensure vehicle's 12V outlet is active. Test with another power source if possible.
Recording stops unexpectedly.	MicroSD card error or full. Format the microSD card. Ensure you are using a genuine BlackVue microSD card.
Wi-Fi connection issues.	Ensure Wi-Fi is enabled on the dash cam and your smartphone. Restart both devices. Move closer to the dash cam.
Poor video quality.	Clean camera lenses. Ensure protective film is removed. Check recording resolution settings in the app.
Parking Mode not activating.	Parking Mode requires hardwiring. Ensure the hardwiring kit is correctly installed and configured.

For further assistance, please contact BlackVue customer support.

## 7. SPECIFICATIONS

Key technical specifications for the BlackVue DR770X-2CH II Dash Cam:

Feature	Detail
Model Name	DR770X-2CH II
Recording Channels	Dual (Front & Rear)
Front Camera Resolution	Full HD (1920x1080) @ 60fps
Rear Camera Resolution	Full HD (1920x1080) @ 30fps
Image Sensor	Sony STARVIS (Front & Rear)
Connectivity	Built-in Wi-Fi, GPS
Storage	Supports up to 1TB microSD card (64GB included)



Feature	Detail
Special Features	Smart Parking Mode, Event Detection (G-Sensor), Cloud Remote Access, USB-C Power Connection
Power Input	USB-C
Dimensions (Front)	Approx. 2.4"D x 5.2"W x 1.9"H
Weight	Approx. 1.81 pounds (total package)

## 8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official BlackVue website. BlackVue provides customer support for technical assistance and service inquiries.




**Official BlackVue Website:** [www.blackvue.com](http://www.blackvue.com)

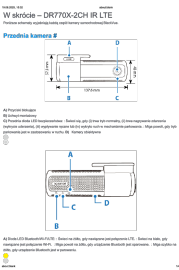
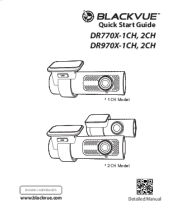

**BlackVue Store on Amazon:** [BlackVue Store](#)



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### Related Documents - DR770X-2CH II

	<p><a href="#">BlackVue DR900S-2CH Dashcam User Manual</a></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>
	<p><a href="#">BlackVue DR600GW-HD User Manual: Installation, Features, and Operation</a></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><a href="#">BlackVue DR590-2CH Dashcam: User Manual and Operating Guide</a></p> <p>This user manual for the BlackVue DR590-2CH dashcam, produced by Pittasoft Co., Ltd., provides comprehensive guidance on installation, operation, video playback, settings, safety, and maintenance for optimal performance.</p>

 <p>Wskazanie części Wskazanie części – DR770X-2CH IR LTE</p> <p>Proszę zobaczyć #</p> <p>1. Wyświetlacz 2. Kamera przednia 3. Kamera tylna 4. Kamera wewnętrzna 5. Diody LED 6. Porty 7. Montaż</p>	<p><a href="#">BlackVue DR770X-2CH IR LTE Dashcam: Component Overview</a></p> <p>Detailed overview of the components and features of the BlackVue DR770X-2CH IR LTE dual-channel dashcam, including front, rear, and internal camera parts, LEDs, ports, and mounting instructions.</p>
 <p>BLACKVUE Quick Start Guide DR770X-1CH, 2CH DR970X-1CH, 2CH</p>	<p><a href="#">BlackVue DR770X &amp; DR970X Series Quick Start Guide</a></p> <p>A quick start guide for BlackVue DR770X and DR970X series dashcams, covering installation, setup, app usage, and product specifications for enhanced vehicle recording and safety.</p>
 <p>DR770X-Box Series Dashcam User Manual, Specifications, and Installation Guide</p>	<p><a href="#">BlackVue DR770X Box Series Dashcam: User Manual, Specifications, and Installation Guide</a></p> <p>A comprehensive guide to the BlackVue DR770X Box Series dashcam, covering how to use the BlackVue app and viewer, detailed product specifications, installation instructions for various vehicle types, and customer support information.</p>