Blackvue DR750S-2CH

BlackVue DR750S-2CH Dual Channel Dashcam User Manual

Brand: BlackVue | Model: DR750S-2CH

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BlackVue DR750S-2CH dual channel dashcam. The DR750S-2CH is a high-performance car DVR recorder featuring Full HD 1080p recording for both front and rear cameras, built-in Wi-Fi, Cloud connectivity, G-Sensor, and GPS. It supports up to 128GB microSD cards for reliable loop recording and intelligent parking mode surveillance.

2. PRODUCT OVERVIEW

Key Features:

- **Dual Channel Recording:** Full HD 1080p at 60fps for the front camera and Full HD 1080p at 30fps for the rear camera.
- **SONY STARVIS CMOS Sensor:** Enhanced low-light performance and night vision capabilities.
- **MicroSD Card Support:** Supports up to 128GB microSD cards (16GB SD card included).
- **Adaptive Format-Free File Management System:** Optimizes file storage and stability.
- **Loop Recording & Intelligent Parking Mode:** Continuous recording and advanced surveillance when parked, featuring impact and motion detection.
- **Built-in Connectivity:** Integrated Wi-Fi, GPS, and G-Sensor for comprehensive data logging and remote access.
- **Low Power Consumption:** Efficient operation to minimize vehicle battery drain.
- **Event Files Protection:** Automatically protects critical event recordings from being overwritten.
- **BlackVue App & Viewer:** Compatible with the BlackVue App (Android / iOS) and BlackVue Viewer (Windows / Mac) for easy access and management of recordings.
- **BlackVue Over the Cloud Service:** Remote Live View, Emergency Alarm, and other cloud features for enhanced security.

Components:

The BlackVue DR750S-2CH package includes the main front camera unit, a rear camera, a 16GB microSD card, and necessary cables for installation and power. Additional components may include mounting accessories and a pry tool for cable management.

Figure 1: BlackVue DR750S-2CH Front and Rear Dashcam units. The front camera is a cylindrical unit with a lens, while the smaller rear camera is also cylindrical and connects to the front unit.

3. SETUP

3.1. Initial Preparations

1. **Insert MicroSD Card:** Locate the microSD card slot on the main front camera unit. Gently insert the provided 16GB microSD card until it clicks into place.
2. **Remove Protective Films:** Carefully remove any protective films from the front and rear camera lenses.

3.2. Front Camera Installation

1. **Choose Mounting Location:** Select a flat, clear area on your front windshield, typically behind the rearview mirror, ensuring it does not obstruct your view.

2. **Clean Windshield:** Thoroughly clean the chosen area on the windshield to ensure proper adhesion.

3. **Apply Electrostatic Sticker (Optional but Recommended):** If provided, apply an electrostatic sticker to the cleaned area. This helps with easier removal and repositioning of the dashcam mount. Press outwards from the center to remove air bubbles.

4. **Attach Mount Bracket:** Slide the mount bracket onto the front camera unit. Remove the adhesive backing from the mount bracket.

5. **Mount Front Camera:** Align the dashcam with the electrostatic sticker (if used) or directly onto the cleaned windshield. Press firmly and hold for several seconds to ensure a secure bond.

3.3. Power Connection

1. **Connect Power Cable:** Plug the mini USB connector of the power cable into the dashcam's power socket.

2. **Route Power Cable:** Neatly route the power cable along the windshield edge and down the A-pillar to your vehicle's power outlet. Ensure the cable does not interfere with airbag deployment. If unsure, consult a professional.

3. **Connect to Power Outlet:**

   - **USB-A Port:** If your vehicle has a USB-A port (5V, 2A or higher recommended), plug the USB end of the power cable directly into it.

   - **Cigarette Lighter Socket:** If using the cigarette lighter socket, insert the USB end of the power cable into the supplied car charger adapter, then plug the adapter into your vehicle's cigarette lighter outlet.

4. **Test Power:** Activate your vehicle's ignition. The dashcam should power on.

5. **Format MicroSD Card:** If prompted on the dashcam screen, format the microSD card by pressing the designated button (refer to on-screen instructions or the quick start guide).

3.4. Rear Camera Installation

1. **Choose Mounting Location:** Select a flat, clear area at the top center of your rear windshield.

2. **Clean Windshield:** Thoroughly clean the chosen area.

3. **Apply Electrostatic Sticker (Optional):** Apply an electrostatic sticker to the cleaned area, ensuring it does not cover the lens area. Press outwards from the center to remove air bubbles.

4. **Remove Protective Films:** Remove the protective film from the rear camera lens and the adhesive cover from its mount.

5. **Mount Rear Camera:** Align the rear camera so the "BlackVue" logo is oriented upright when viewed from inside your vehicle. Secure the mount bracket in this position, then firmly attach the rear camera onto the electrostatic sticker (if used) or directly onto the cleaned windshield.

6. **Connect Rear Camera Cable:** Run the rear camera cable from the front camera along the headliner and through the C-pillar or side trim for a clean, concealed look. Plug the cable securely into the rear camera port on the front unit.

7. **Adjust Rear Camera Angle:** Switch your front camera's display to rear view mode. Tilt the rear camera up or down until it captures a clear, straight view behind your vehicle.

3.5. BlackVue App Connection

To unlock the full potential of your BlackVue DR750S-2CH, download the BlackVue App from your device's app store (iOS/Android). Follow the in-app instructions to connect your smartphone to the dashcam's Wi-Fi hotspot. The default password is 12345678. Ensure any VPN is disabled before connecting.

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Video 1: Unboxing and initial setup of a BlackVue DR series dashcam, demonstrating component identification and basic preparation steps.

4. OPERATING INSTRUCTIONS

4.1. Basic Operation

- **Power On/Off:** The dashcam automatically powers on when the vehicle's ignition is activated and powers off when the ignition is turned off.
- **Recording Modes:** The DR750S-2CH supports various recording modes, including Normal (continuous), Event (impact/motion detected), and Parking Mode.
- **LED Indicators:** Monitor the LED indicators on the dashcam for status updates (e.g., recording status, GPS signal, Wi-Fi connectivity).

4.2. Parking Mode

The intelligent parking mode provides surveillance when your vehicle is parked. It utilizes impact detection and motion detection to record events. The dashcam consumes low power in parking mode to extend surveillance time.

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Video 2: A short demonstration of BlackVue's parking mode protection features, highlighting low current draw and pre-impact recording.

4.3. Wi-Fi and Cloud Features

- **Live View:** Use the BlackVue App to view live footage from your dashcam.
- **Playback and Download:** Access and download recorded videos directly to your smartphone or computer using the app or viewer software.
- **Settings Adjustment:** Customize dashcam settings, such as recording quality, G-Sensor sensitivity, and parking mode options, via the app.
- **Cloud Connectivity:** With an internet connection (e.g., mobile hotspot), utilize BlackVue Over the Cloud services for remote live view, emergency notifications, and cloud backup.

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Video 3: Demonstration of HDR clarity in a BlackVue dashcam, showcasing improved video quality in challenging lighting conditions.

5. MAINTENANCE

- **MicroSD Card Management:** Regularly format the microSD card (at least once a month) to maintain optimal performance and prevent data corruption. Use the BlackVue App or Viewer for easy formatting.
- **Cleaning:** Keep the camera lenses clean using a soft, dry cloth. Avoid abrasive cleaners.
- **Firmware Updates:** Periodically check for firmware updates via the BlackVue App or website to ensure your dashcam has the latest features and bug fixes.

6. TROUBLESHOOTING

- **Dashcam Not Powering On:**

  - Check power cable connections to both the dashcam and the vehicle's power outlet.
  - Ensure the vehicle's ignition is on.
  - Test the power outlet with another device to confirm it's functional.

- **Recording Issues:**

- Ensure a microSD card is properly inserted and formatted.
- Check if the microSD card is full; format it if necessary.
- Verify recording settings in the BlackVue App.

- **Wi-Fi Connection Problems:**

  - Ensure the dashcam's Wi-Fi is enabled.
  - Check that your smartphone is within range of the dashcam.
  - Verify the Wi-Fi password (default is 12345678).
  - Disable any VPN on your smartphone before attempting to connect.

- **Parking Mode Not Activating:**

  - Ensure the dashcam is properly hardwired to the vehicle's power for continuous power supply when the ignition is off (a hardwire kit may be required and sold separately).
  - Check parking mode settings in the BlackVue App.

- **High Temperature Cut-off:** The dashcam is designed to operate within a temperature range of -20°C to 70°C (-4°F to 158°F). It features a high temperature cut-off at approximately 80°C (176°F) to prevent damage. If the dashcam shuts down due to high temperature, allow it to cool down.

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Video 4: A short video demonstrating the temperature detection system in a BlackVue dashcam, showing its operational range in varying climates.

7. SPECIFICATIONS

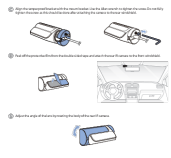| Feature	Detail
Model Name	DR750S-2CH
Recording Channels	2 (Front & Rear)
Front Camera Resolution	Full HD 1080p @ 60fps
Rear Camera Resolution	Full HD 1080p @ 30fps
Image Sensor	SONY STARVIS CMOS Sensor
Viewing Angle (Front)	Diagonal 139°, Horizontal 116°, Vertical 61°
Viewing Angle (Rear)	Diagonal 139°, Horizontal 116°, Vertical 61°
Wi-Fi	Built-in (802.11n (2.4 – 2.4835 GHz))
GPS	Built-in
G-Sensor	Built-in
MicroSD Card Support	Up to 128GB (16GB included)
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
High Temperature Cut-off	Approx. 80°C (176°F)
Product Dimensions	4.53 x 1.38 x 1.38 inches

Item Weight	11.2 ounces
Color	Black

8. WARRANTY AND SUPPORT

For warranty information, detailed support, and additional resources, please visit the official BlackVue website or contact BlackVue customer support. You can also visit the BlackVue Store on Amazon for product updates and accessories.

Related Documents - DR750S-2CH

	**BlackVue DR750S-2CH Dashcam User Manual	Installation, Settings & Troubleshooting** Comprehensive user manual for the BlackVue DR750S-2CH dashcam, covering installation, setup, video management, cloud features, and troubleshooting. Learn how to operate your dashcam effectively.
	BlackVue DR770X Box Series: Setup, Cloud Connectivity, and Usage Guide Comprehensive guide to setting up and using the BlackVue DR770X Box Series dashcam, including app integration, cloud connectivity via Wi-Fi hotspot or SIM card, and viewer software.
	BlackVue DR970X Box-2CH Plus Series: User Manual and Installation Guide Comprehensive guide to the BlackVue DR970X Box-2CH Plus Series dashcam, covering features, installation, software usage, specifications, and maintenance. Learn how to download videos, use the Web Viewer, and optimize performance.

[BlackVue DR970X Box-2CH Plus Series Installation and User Guide](#)

A comprehensive guide to installing and using the BlackVue DR970X Box-2CH Plus Series dashcam, including rear camera setup, GNSS module installation, connectivity module installation, power cable options, and app usage.

[How to Format SD Card for BlackVue DR650GW-2CH Dashcam](#)

Step-by-step guide on formatting the SD card for the BlackVue DR650GW-2CH dashcam using the Windows application. Includes instructions for software installation and card formatting.

[BlackVue DR650S-2CH IR User Guide: Infrared Interior Camera](#)

User guide for the BlackVue DR650S-2CH IR dashcam, detailing its features, specifications, and installation instructions for the infrared interior camera.