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Blackvue DR900S-2CH

Blackvue DR900S-2CH 4K UHD + Full HD Cloud Dashcam User Manual

Model: DR900S-2CH

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1. INTRODUCTION

Thank you for choosing the Blackvue DR900S-2CH 4K UHD + Full HD Cloud Dashcam. This manual provides essential information for the proper installation, operation, and maintenance of your dashcam. Please read it thoroughly to ensure optimal performance and longevity of your device.

2. WHAT'S IN THE BOX

The Blackvue DR900S-2CH package includes the following components:

- Front Camera (Main Unit)
- Rear Camera
- Mount Bracket (for Front Camera)
- Power Cable (for vehicle's 12V outlet)
- Rear Camera Connection Cable
- MicroSD Card (16GB)
- MicroSD Card Reader
- Adhesive Tapes (for mounting)
- Cable Clips
- Pry Tool
- Alcohol Pad
- Quick Start Guide



Image: All components included in the Blackvue DR900S-2CH package.

3. SETUP

3.1 Initial Preparations

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

3.2 Mounting the Front Camera

1. **Clean Windshield:** Use the provided alcohol pad to thoroughly clean the area on your front windshield where the dashcam will be mounted. Ensure the surface is dry before proceeding.
2. **Attach Mount Bracket:** Slide the mount bracket into the designated slot on the front camera unit.
3. **Secure to Windshield:** Remove the adhesive backing from the mount bracket. Align the dashcam with the cleaned area on the windshield, ensuring optimal road visibility, and press firmly for several seconds to ensure a strong bond.



Image: Blackvue DR900S-2CH Front and Rear Cameras.

3.3 Connecting Power

1. **Connect Power Cable:** Plug the mini USB connector of the power cable into the dashcam's power input port.
2. **Route Cable:** Route the power cable neatly along the windshield edge and down the A-pillar to your vehicle's 12V power outlet. Use the pry tool to tuck the cable under trim for a clean installation. **Important:** Avoid interfering with vehicle airbags when routing cables. Consult a professional if unsure.
3. **Plug into Vehicle:** Insert the 12V power adapter into your vehicle's cigarette lighter socket.
4. **Verify Power:** Turn on your vehicle's ignition. The dashcam should power on, and its LED indicators will light up.

3.4 Mounting and Connecting the Rear Camera

1. **Clean Rear Windshield:** Clean a flat area at the top center of your rear windshield using an alcohol pad.
2. **Secure Rear Camera:** Remove the adhesive backing from the rear camera mount. Position the rear camera so the lens faces directly out and press firmly against the glass.
3. **Connect Rear Camera Cable:** Plug one end of the rear camera connection cable into the rear camera.
4. **Route Rear Camera Cable:** Route the rear camera cable along the headliner and through the C-pillar or side trim to the front camera. Use the pry tool to tuck the cable neatly.
5. **Connect to Front Camera:** Plug the other end of the rear camera connection cable into the designated rear camera input port on the front dashcam unit.

Video: BlackVue Elite Front Camera Installation Guide. This video demonstrates the installation process for the front camera, including mounting and power connection.

Video: SAFY9 - Installation Video. This video provides a detailed guide on installing the dashcam, including initial preparations, front camera mounting, power cable routing, rear camera mounting, and rear camera cable connection.

4. OPERATING THE DASHCAM

4.1 General Operation

Once powered on, your Blackvue DR900S-2CH dashcam will automatically begin recording. It features 4K UHD resolution for the front camera and Full HD for the rear camera, ensuring clear video capture. The dashcam supports loop recording, automatically overwriting older files when the MicroSD card is full, ensuring continuous recording.

4.2 Blackvue Cloud Features

The Blackvue DR900S-2CH is a cloud-connected dashcam, offering advanced features when connected to a Wi-Fi hotspot in your vehicle:

- **Live View:** See what's happening around your vehicle in real-time.
- **Remote Video Playback:** Play videos stored on the dashcam or in the cloud from your phone or computer.
- **Push Notification Alerts:** Receive notifications on your phone or computer when specific events occur (e.g., impact detection).
- **Real-time Location:** Track your vehicle's location and speed.
- **Video Backup & Auto-upload:** Automatically upload important event recordings to the cloud.
- **Two-way Voice Communication:** Talk to the driver or passengers using your phone or computer.

4.3 Parking Mode

The dashcam supports intelligent parking mode. When your vehicle's ignition is off, the dashcam can continue to monitor for motion and impact events. For extended parking mode duration, a dedicated hardwiring kit or battery pack (sold separately) is recommended.

5. MAINTENANCE

5.1 MicroSD Card Management

Regularly format your MicroSD card to maintain optimal performance and prevent data corruption. This can typically be done through the dashcam's settings menu or via the Blackvue app. It is recommended to format the card at least once a month.

5.2 Cleaning

Keep the camera lenses clean using a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals that could scratch the lens. Periodically clean the dashcam body with a dry cloth.

6. TROUBLESHOOTING

6.1 Overheating

In some conditions, especially in high temperatures or direct sunlight, the dashcam may experience overheating. If the dashcam detects excessive heat, it may automatically shut down to prevent damage. Ensure proper ventilation around the unit and avoid direct sunlight exposure when parked for extended periods.

6.2 Connectivity Issues

If you experience issues connecting to the dashcam via Wi-Fi or the Blackvue Cloud, ensure the dashcam's Wi-Fi is

enabled and your smartphone is within range. For cloud services, verify your vehicle has an active Wi-Fi hotspot or internet connection. If using a VPN on your phone, disable it before connecting to the dashcam.

6.3 MicroSD Card Errors

If the dashcam prompts to format the MicroSD card or shows recording errors, try formatting the card. If issues persist, the card may be faulty and require replacement with a high-endurance MicroSD card compatible with dashcams.

7. SPECIFICATIONS

- **Product Dimensions:** 3 x 1 x 1 inches
- **Item Weight:** 1.65 pounds
- **Item Model Number:** BV-DR900S-2CH-16
- **Connectivity Technologies:** Wi-Fi
- **Other Display Features:** Wireless
- **Color:** Black
- **Manufacturer:** BLACKVUE
- **Date First Available:** May 9, 2018
- **Model Name:** BV-DR900S-2CH-16
- **Vehicle Service Type:** Car
- **Video Capture Resolution:** 1080p (Full HD for rear camera, 4K UHD for front camera)
- **Mounting Type:** Magnetic Mount
- **Field Of View:** 140 Degrees
- **Control Method:** Voice

8. WARRANTY & SUPPORT

The Blackvue DR900S-2CH Dashcam comes with a One-Year Limited Warranty from the manufacturer. For technical support, troubleshooting, or warranty claims, please refer to the contact information provided in your Quick Start Guide or visit the official Blackvue website.