

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Blackvue](#) /

› [Blackvue DR900S-2CH Dashcam User Manual](#)

Blackvue BV-KIT112

Blackvue DR900S-2CH Dashcam User Manual

Model: DR900S-2CH (BV-KIT112)



INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Blackvue DR900S-2CH Dashcam. This 2-channel system offers 4K UHD recording for the front camera and Full HD recording for the rear camera, ensuring high-quality video capture for your vehicle.

For optimal performance and longevity of your device, please read this manual thoroughly before use.

WHAT'S IN THE BOX

Verify that all components listed below are included in your package:

- Front Camera (Main Unit)
- Rear Camera
- Power Magic Pro Hardwire Kit
- Rear Camera Connection Cable
- 16GB Micro SD Card
- Power Cable (Cigarette Lighter Adapter)
- Cable Clips
- Spare Mounting Tapes
- Pry Tool
- Quick Start Guide



Image: All components included in the Blackvue DR900S-2CH Dashcam package, laid out for inspection.

SETUP AND INSTALLATION

1. Micro SD Card Insertion

Before mounting, ensure the 16GB Micro SD card is inserted correctly into the main unit. The card slot is typically located on the side or bottom of the camera unit.

2. Front Camera Mounting

1. Clean the windshield area where the camera will be mounted.
2. Peel off the protective film from the mounting tape on the front camera bracket.
3. Attach the front camera to the windshield, ideally behind the rearview mirror, ensuring it does not obstruct your view. Press firmly for 30 seconds.



Image: The Blackvue DR900S-2CH front dashcam mounted on the interior side of a car's windshield, positioned centrally.

3. Rear Camera Mounting

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. Route the cable neatly along the vehicle's headliner and pillars using the pry tool and cable clips.

4. Power Connection (Power Magic Pro Hardwire Kit)

The Power Magic Pro Hardwire Kit allows the dashcam to operate in parking mode and prevents vehicle battery drain. Professional installation is recommended for this component.

- Connect the red wire (ACC+) to a switched fuse (power only when ignition is on).
- Connect the yellow wire (BATT+) to a constant fuse (always-on power).
- Connect the black wire (GND) to a metal ground point on the vehicle chassis.
- Connect the Power Magic Pro output cable to the dashcam's power input.

Refer to the Power Magic Pro's dedicated manual for detailed wiring diagrams and fuse box identification.

OPERATING INSTRUCTIONS

1. Powering On/Off

The dashcam will automatically power on and begin recording when the vehicle's ignition is turned on (if connected via Power Magic Pro or cigarette lighter adapter). It will power off automatically when the ignition is turned off, or enter parking mode if configured.

2. Recording Modes

- **Normal Recording:** Continuous loop recording while driving. Older files are overwritten when the SD card is

full.

- **Event Recording:** Triggered by impacts detected by the G-sensor or manual events. These files are protected from overwriting.
- **Parking Mode:** Records only when motion or impact is detected while the vehicle is parked. Requires Power Magic Pro or similar hardwiring.

3. Wi-Fi Connectivity and App Usage

The DR900S-2CH features built-in 2.4/5GHz Wi-Fi. Download the Blackvue App (available on iOS and Android) to connect to your dashcam.

1. Turn on Wi-Fi on your smartphone.
2. Open the Blackvue App and select "Connect to Dashcam".
3. Select your dashcam from the list (e.g., "Blackvue_DR900S-2CH_XXXXXX").
4. Enter the default password (usually "blackvue").

Through the app, you can:

- View live footage from both cameras.
- Access recorded videos and download them to your phone.
- Adjust dashcam settings (e.g., G-sensor sensitivity, recording quality, parking mode options).
- Update firmware.



Image: Visual representation of key features: Front 4K UHD, Rear Full HD, Cloud connectivity via Wi-Fi/USB module, Native Parking Mode Support, Dual Band 2.4-5GHz Wi-Fi, and High Efficiency Video Coding (H.265).

4. GPS Functionality

The built-in GPS module records vehicle speed and location data, which can be viewed during video playback using the Blackvue Viewer software on a computer or within the mobile app.

MAINTENANCE

1. Micro SD Card Management

Regularly format the Micro SD card (at least once a month) using the Blackvue App or Viewer to maintain optimal recording performance and prevent data corruption. Back up any important files before formatting.

2. Cleaning the Lens

Gently wipe the camera lenses with a soft, lint-free cloth to ensure clear video quality. Avoid using harsh chemicals or abrasive materials.

3. Firmware Updates

Periodically check for firmware updates via the Blackvue App or the official Blackvue website. Keeping your firmware updated ensures the best performance, new features, and bug fixes.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dashcam does not power on.	No power supply; loose connection; faulty fuse.	Check power cable connection; verify vehicle's power outlet/fuse; ensure Power Magic Pro is correctly wired.
Wi-Fi connection fails.	Incorrect password; Wi-Fi disabled; interference.	Re-enter password; ensure dashcam Wi-Fi is active; try connecting closer to the dashcam.
Video quality is poor/blurry.	Dirty lens; protective film still on lens; incorrect resolution settings.	Clean lenses; remove any protective film; check video resolution settings in the app.
SD card error/recording stops.	Corrupted SD card; full SD card; incompatible SD card.	Format the SD card; replace with a new, compatible Blackvue-recommended SD card if issues persist.

SPECIFICATIONS

Feature	Detail
Model Name	DR900S-2CH 16
Front Camera Resolution	4K UHD (3840x2160) @ 30fps
Rear Camera Resolution	Full HD (1920x1080) @ 30fps
Image Sensor (Front)	8 Megapixel CMOS Sensor
Image Sensor (Rear)	2.1 Megapixel CMOS Sensor
Wi-Fi	Built-in (802.11n 2.4GHz / 802.11ac 5GHz Dual band)
GPS	Built-in
G-Sensor	Built-in

Feature	Detail
Special Features	Night Vision, High Temperature Cutoff
Storage	Micro SD Card (16GB included, supports up to 128GB)
Connectivity Technology	USB
Product Dimensions	4 x 6.8 x 8.4 inches
Item Weight	1.75 pounds
Color	Black

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Blackvue website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Official Blackvue Website: www.blackvue.com



© 2023 Blackvue. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.