

## ROVE R2-4K

# ROVE R2-4K Dual Dash Cam Instruction Manual

Model: R2-4K

Brand: ROVE

## 1. INTRODUCTION

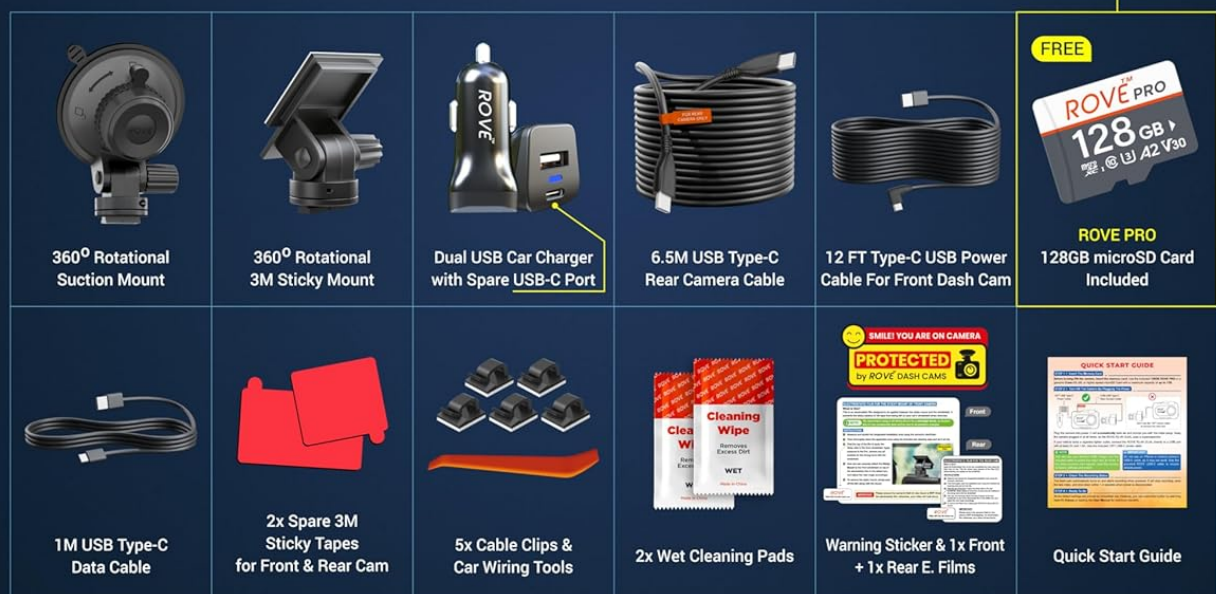
This manual provides detailed instructions for the installation, operation, and maintenance of your ROVE R2-4K Dual Dash Cam. Designed for optimal road safety and evidence recording, this advanced dash cam captures high-quality footage from both front and rear perspectives. Please read this manual thoroughly to ensure proper usage and to maximize the benefits of your device.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your product package:

- ROVE R2-4K Dual Dash Cam (Front & Rear)
- ROVE Ultimate 3-Lead Type-C Hardwire Kit
- CPL Filter
- 128GB ROVE PRO microSD Card (Pre-installed or included separately)
- 360° Rotational Suction Mount
- 360° Rotational 3M Sticky Mount
- Dual USB Car Charger with Spare USB-C Port
- 6.5M USB Type-C Rear Camera Cable
- 12FT Type-C USB Power Cable for Front Dash Cam
- 1M USB Type-C Data Cable
- 2x Spare 3M Sticky Tapes for Front & Rear Cam
- 5x Cable Clips & Car Wiring Tools
- 2x Wet Cleaning Pads
- Notice Sticker & 1x Front + 1x Rear Electrostatic Films
- Quick Start Guide

# PACKAGE CONTENTS



Need to upgrade the memory card - Choose ROVE PRO or ROVE Ultimate Cards up to 1TB



Image: All components included in the ROVE R2-4K Dual Dash Cam package.

## 3. FEATURES

The ROVE R2-4K Dual Dash Cam is equipped with advanced features to provide comprehensive recording and enhanced driving safety:

- **4K Dual Recording:** Simultaneously records 4K 2160P front and 1080P rear footage for total protection.
- **Sony STARVIS 2 Image Sensor:** Captures minute details even in low-light conditions, ensuring superior

night vision.

- **Fast 5G WiFi:** Experience blazing-fast 20MBps download speeds for quick footage transfer to your mobile device.
- **Included 128GB microSD Card:** Ample storage for your recordings right out of the box. Supports up to 1TB.
- **24-HR Auto-trigger Parking Mode:** Automatically activates parking mode or motion detection when using the ROVE Ultimate 3-Lead Type-C Hardwire Kit.
- **CPL Filter:** Enhances image quality by reducing glare and reflections, improving color saturation and contrast.
- **Built-in GPS:** Records precise location and speed data directly into your video footage.
- **G-Sensor:** Built-in three-axis impact G-sensor activates upon collision to lock video evidence.
- **Supercapacitor:** Provides enhanced durability and withstands extreme temperatures, offering longer product life and improved safety.
- **Seamless Loop Recording:** Continuously records, automatically deleting the oldest files when the memory card is full.
- **Voice Guidance:** Provides important fail-safe voice feedback and alerts, such as parking mode activation.
- **OTA Firmware Updates:** Free firmware updates via the ROVE App using a 5G WiFi connection.



# Why **ROVE R2-4K DUAL** is 2025's Most Advanced & Value Packed Dash Cam ?

## ROVE R2-4K DUAL

## Other DUAL Channel Dash Cams

1



**ROVE Uses SONY STARVIS 2 SENSOR:**  
**SONY's** most advanced **2nd GEN IMX675** sensor captures the smallest details even more clearer than before, day or night.

Others offer Generic or Low-Quality Sensor Struggles in low light and produces poor video quality. They don't even advertise which brand sensor they use.

2



ROVE's & Amazon's very first - **FASTEST** WiFi Transfer Speed - up to **20 MBPS**.  
-> At this time only ROVE offers this advanced technology.

Others provide speed anywhere between 2 to 7 mbps only.

3



Every ROVE R2-4K DUAL includes a **FREE 128GB ROVE PRO microSD card**.  
Supports up to 1TB max. -> Only ROVE offers this storage capacity up to 1TB at this point.

Others typically include low speed card only 32GB or 64GB.

4



**OTA (Over The Air)**  
Free Firmware Updates via the ROVE App for effortless updates and new features.

Others offer download from website, transfer to memory card, install — time-consuming & full of hassle.

5



Built-in **GPS** records precise location and speed data along with date and time directly into the video.

Optional/less accurate which has built-in / on mount, takes extra space.

6



**3"** Wide Screen IPS Display, Sleek Design with User Friendly Beautiful Software, Easy Installation, and Setup. You will feel the difference with ROVE.

Often lacks user-friendly features, complex installation and setup process.

The **ROVE R2-4K DUAL** sets a new standard in the dash cam industry for 2025. With advanced features such as the **SONY STARVIS 2 sensor**, the **fastest download speed of 20MB/s**, a complimentary **128GB ROVE PRO microSD Card**, and many more exceptional benefits, this dash cam exemplifies the commitment to excellence, high standards, and reliable products you can trust from an American company.

Image: Overview of the advanced features of the ROVE R2-4K Dual Dash Cam.



## DUAL VISION TOTAL PROTECTION

The ROVE R2-4K DUAL dash cam records simultaneously in 4K 2160P front and 1080P rear, ensuring crystal clear footage of both the road ahead and behind.

Image: Illustrates the simultaneous 4K front and 1080P rear recording capabilities.



## STARVIS 2 NIGHT VISION

The STARVIS 2 IMX675 CMOS sensor with super night vision in the R2-4K DUAL offers significant advancements in imaging technology, helping capture the smallest details like license plates, delivering superior low-light performance, and enhancing the quality and reliability of captured images and videos.



Image: Highlights the STARVIS 2 sensor for superior night vision performance.



**24  
HOURS  
PARKING  
MONITOR**

# 24-HR Auto Trigger Parking Mode



The ROVE Ultimate 3-lead Hardwire Kit is a power management device that provides power to your dash cam from your car's battery via fuse box to keep your dashcam continuously running even after your engine is turned off to utilize the 24HR Parking Monitor feature.

Image: Demonstrates the 24-hour auto-trigger parking mode feature with the hardwire kit.





## Enhance Color and Contrast

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Better Color Tone



Better Details



Reduce Light Reflection

Image: Shows the CPL filter and its benefits for improving video clarity and color.





# 5G + 2.4GHz

## Dual Band WiFi

- Easy WiFi Configuration
- Live Preview
- Always ON WiFi Support

Amazon's Very First  
**Fastest** Transfer Speed

Up to **20 MB/s**

Blazing Fast Download Speed - Fastest in America

Other's 5G WiFi Speed Up-To 2-7 MB/s



NEW

# ROVE APP



Enjoy live video previews, manage camera settings, play and download footage, and easily share on social media and with your insurance agencies.



Image: Highlights the dual-band WiFi connectivity and fast transfer speeds.

## 4. SETUP

Follow these steps for a successful installation of your ROVE R2-4K Dual Dash Cam:

1. **Prepare the Windshield:** Clean the area where the dash cam will be mounted. Apply the electrostatic film to the desired location on the windshield for both front and rear cameras.
2. **Mount Front Camera:** Attach the front dash cam to the passenger side of your windshield using the

suction mount. Ensure it does not obstruct your view.

3. **Mount Rear Camera:** Apply the electrostatic film to the rear windshield and attach the rear camera.
4. **Connect Rear Camera Cable:** Connect the 6.5M USB Type-C rear camera cable to the rear camera and route it discreetly along the roof liner or panels to the front camera. Use the provided cable clips and car wiring tools to secure the cable.
5. **Power Up:** Plug the 12FT Type-C USB power cable into the front dash cam and then into the dual USB car charger. Insert the car charger into your vehicle's cigarette lighter socket. Alternatively, use the ROVE Ultimate 3-Lead Type-C Hardwire Kit for 24-hour parking mode functionality (professional installation recommended for hardwire kit).
6. **Adjust Camera Angle:** Loosen the screw on the suction mount to adjust the front camera's view angle. Rotate the camera 360° to record any direction you prefer. Adjust and rotate the rear camera view according to your preferred direction. Tighten the screw to lock the angle.
7. **Insert MicroSD Card:** Ensure the included 128GB ROVE PRO microSD card is properly inserted into the designated slot on the dash cam.

# Easy DIY Installation

Mount, Plug, & Go!



1

## Mount Front Camera

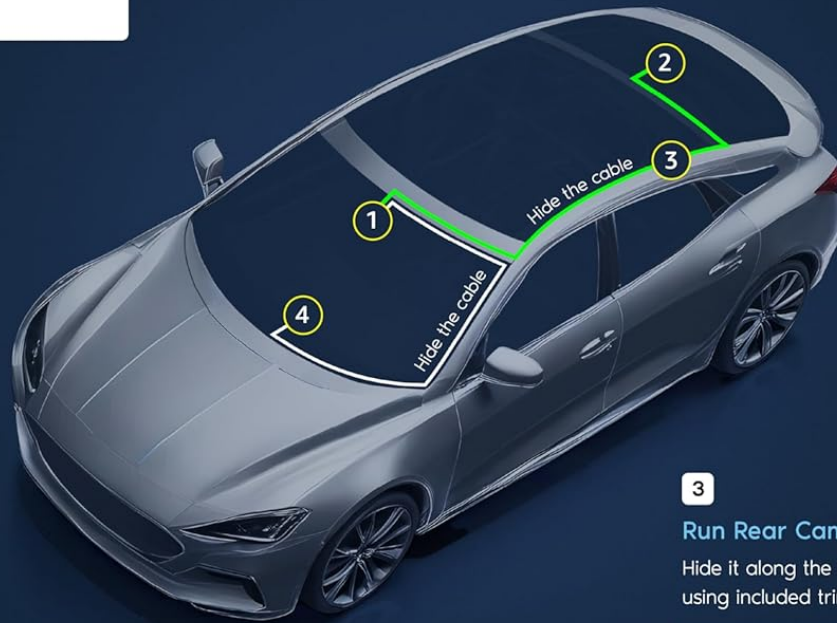
Attach it to the passenger side using included suction mount.



2

## Install Rear Camera

Apply the electrostatic film to the rear windshield and attach the rear cam.



3

## Run Rear Cam Cable

Hide it along the roof liner or panels using included trim tool.



4

## Power Up

Plug the car charger into the cigarette lighter socket and use the 12FT power cable to power the dash cam.



**NOTE** ▶ All necessary accessories are included in the box. Learn more/full tutorial on youtube.

Image: Step-by-step visual guide for easy DIY installation of the dash cam.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

- **Automatic Recording:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on.



- **Manual Recording:** Press the 'OK' button to manually start or stop recording.
- **Screen Display:** The 3-inch IPS display shows live footage from both cameras. You can switch between front, rear, or picture-in-picture views.
- **Menu Navigation:** Use the 'MENU' button to access settings and the arrow buttons to navigate. Press 'OK' to confirm selections.

## 5.2 Advanced Features

- **Parking Mode:** If the hardwire kit is installed, the dash cam will automatically enter parking mode when the car is turned off. It can detect motion or collision and record accordingly.
- **Emergency Lock:** The built-in G-sensor detects sudden impacts or collisions and automatically locks the current video segment to prevent it from being overwritten. You can also manually lock footage by pressing the emergency lock button.
- **Loop Recording:** Footage is recorded in continuous loops (e.g., 1, 3, or 5-minute segments). When the memory card is full, the oldest unlocked files are automatically overwritten.
- **Wi-Fi Connectivity & ROVE App:** Download the ROVE App on your smartphone (iOS/Android). Connect to the dash cam's Wi-Fi network (5G/2.4GHz) to:
  - View live video feed.
  - Manage camera settings.
  - Play back recorded footage.
  - Download videos directly to your phone.
  - Share footage easily with social media or insurance agencies.
- **Firmware Updates (OTA):** The ROVE App facilitates Over-The-Air (OTA) firmware updates, ensuring your dash cam always has the latest features and improvements.
- **GPS Playback:** Use the ROVE Dash Cam GPS Player software on your PC/Mac to view recordings along with GPS logs and G-Sensor data.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and screen. For stubborn smudges, use the provided wet cleaning pads. Avoid harsh chemicals.
- **MicroSD Card Care:** Regularly format the microSD card (at least once a month) within the dash cam's settings to maintain optimal performance and prevent data corruption. Use only high-quality, compatible microSD cards (ROVE PRO or ROVE Ultimate recommended).
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods. The supercapacitor design helps with temperature resilience, but prolonged direct sunlight in a hot car can still affect longevity.

## 7. TROUBLESHOOTING

If you encounter issues with your ROVE R2-4K Dual Dash Cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection.	Check the car charger connection to the cigarette lighter socket and the dash cam. Ensure the vehicle's ignition is on.
Recording stops unexpectedly.	Full or corrupted microSD card; power interruption.	Format the microSD card. Check power connections. Use a high-quality microSD card.
Video footage is blurry or unclear.	Dirty lens; protective film still on lens; incorrect focus.	Clean the lens. Remove any protective film. Ensure the CPL filter is clean and correctly installed.
Wi-Fi connection issues.	Incorrect password; too far from device; app issues.	Ensure correct Wi-Fi password. Stay within close proximity to the dash cam. Restart the app and dash cam.
Dash cam freezes or crashes.	Software glitch; memory card issue.	Press and hold the power button to force restart. Format or replace the microSD card. Check for firmware updates.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	R2-4K
Video Capture Resolution	4K (Front), 1080P (Rear)
Connectivity Technology	Wi-Fi (5G + 2.4GHz Dual Band)
Special Feature	Motion Sensing, GPS, G-Sensor
Included Components	Hardwire Kit, CPL Filter, 128GB microSD Card
Mounting Type	Windshield Mount (Suction & 3M Sticky)
Color	Black
Manufacturer	ROVE
Vehicle Service Type	Car

## 9. WARRANTY AND SUPPORT






Your ROVE R2-4K Dual Dash Cam and Hardwire Kit are backed by a full, hassle-free **1-YEAR WARRANTY**. For any questions, technical assistance, or to resolve arising issues, please contact ROVE customer care. You can text for a faster response or email their customer care team. Additionally, the product is eligible for a **30-day refund/replacement return policy** from the date of purchase,

as per Amazon's standard return policy.

For the latest information, firmware updates, and support resources, please visit the official ROVE website or contact their customer service directly.

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## Related Documents - R2-4K

	<p><a href="#">ROVE R2-4K DUAL Dash Cam User Manual</a></p> <p>Comprehensive user manual for the ROVE R2-4K DUAL Dash Cam, detailing features, installation, operation, and troubleshooting. Learn about its 4K resolution, SONY STARVIS 2 sensor, dual-channel recording, and advanced features like GPS, WiFi, and parking mode.</p>
	<p><a href="#">ROVE R2-4K Dash Cam User Manual: Features, Installation, and Operation</a></p> <p>Comprehensive user manual for the ROVE R2-4K Dash Cam, covering setup, features, installation, troubleshooting, and safety guidelines for optimal use.</p>
	<p><a href="#">ROVE R2-4K DUAL PRO Dash Cam User Manual</a></p> <p>Comprehensive user manual for the ROVE R2-4K DUAL PRO Dash Cam, detailing features, installation, settings, and troubleshooting for this 4K+2K dual-channel vehicle camera.</p>
	<p><a href="#">ROVE R2-4K Dash Cam User Manual: Features, Installation, and Troubleshooting</a></p> <p>Comprehensive user manual for the ROVE R2-4K Dash Cam. Learn about its features, installation, settings, troubleshooting, and warranty. Includes 4K video recording, GPS, Wi-Fi, and G-Sensor capabilities.</p>
	<p><a href="#">ROVE R2-4K PRO Dash Cam User Manual: Features, Setup, and Support</a></p> <p>Comprehensive user manual for the ROVE R2-4K PRO Dash Cam. Learn about installation, features, settings, Wi-Fi connectivity, parking modes, troubleshooting, and warranty information for your vehicle's advanced driving recorder.</p>





[ROVE Ultimate 3-Lead Hardwire Kit USB-C User Manual](#)

Comprehensive user manual for the ROVE Ultimate 3-Lead Hardwire Kit with USB-C, detailing installation, features, troubleshooting, and safety for R2-4K, R2-4K PRO, R2-4K DUAL, and R3 dash cams.