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› ROVE R2-4K PRO Dash Cam Instruction Manual

ROVE R2-4K PRO

ROVE R2-4K PRO Dash Cam Instruction Manual

Model: R2-4K PRO | Brand: ROVE

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ROVE R2-4K PRO Dash Cam. Please read thoroughly to ensure proper usage and to maximize the device's features.

FEATURES

- **4K UHD Video Recording:** Records videos at 2160P (4K) @30fps, 1440P (2.5K) @60fps/30fps, and 1080P (HD) @60fps/30fps.
- **Built-in 5G Wi-Fi:** Fast video transfer speeds up to 20MB/s for seamless connectivity with the ROVE App.
- **Built-in GPS:** Records precise driving routes, locations, and speed stamps directly on the video.
- **Supercapacitor:** Ensures durability and safety in extreme temperatures, extending product life.
- **24-HR Auto-trigger Parking Mode:** Automatically enters parking mode or motion detection when using the ROVE Ultimate 3-Lead Type-C Hardwire Kit (included in bundle).
- **Sony STARVIS IMX335 Sensor:** Provides superior night vision and clear video quality in low-light conditions.
- **3" IPS Wide Display:** For easy viewing and menu navigation.
- **Supports Up-To 512GB MicroSDXC Card:** Allows for extensive video storage.
- **Seamless Loop Recording:** Continuously records and overwrites older files when the memory card is full.
- **Voice Guidance:** Provides important alerts and operational feedback.



Image: ROVE R2-4K PRO Dash Cam showcasing 4K recording capabilities.

PACKAGE CONTENTS

The ROVE R2-4K PRO Dash Cam bundle includes the following items:

- ROVE R2-4K PRO Dash Cam
- ROVE Ultimate 3-Lead Type-C Hardwire Kit
- ROVE Ultimate 128GB Micro SD Card
- 360° Suction Mount
- 360° 3M Sticky Mount
- Dual USB Car Charger with Spare USB-C Port
- 1M/3FT USB Type-C Data Cable
- 12FT USB Type-C Car Charging Cable
- 5x Cable Hiding Clips
- Car Wire Trim Tool
- Quick Start Guide
- Warning Sticker & Electrostatic Film
- 2x Alcohol Pads & Cleaning Wipe
- User Manual

ROVE™ R2-4K PRO

PACKAGE CONTENTS



Beautifully
Written User
Manual In English



Quick Start Guide



5X Cable Hiding Clip



Warning Sticker &
Electrostatic Film



2x Alcohol Pads &
Car Wire Trim Tool



360° Suction Mount



360° 3M Sticky Mount



Dual USB Car Charger
with Spare USB-C Port



1M/3Ft USB Type-C Data Cable



12ft USB Type-C Car Charging Cable

Memory Card is NOT included in the package. Don't forget to add your choice of Memory Card to your purchase.

We recommend ROVE PRO or ROVE Ultimate microSD cards, Up to 512GB

ROVE™ PRO			ROVE™ Ultimate		
128 GB	256 GB	512 GB	128 GB	256 GB	512 GB
U3, U1, A2, V30	U3, U1, A2, V30	U3, U1, A2, V30	U3, U1, A2, V30	U3, U1, A2, V30	U3, U1, A2, V30
ASIN: B0D2P9J594	ASIN: B0D2PB6J58	ASIN: B0D2PC2QK8	ASIN: B0BGVCK7MJ	ASIN: B0BGV6W8QX	ASIN: B0BGW1N9TD
Everyday Affordable			Premium Choice		

Image: All items included in the ROVE R2-4K PRO Dash Cam bundle.



Image: Detailed contents of the ROVE Ultimate 3-Lead Hardwire Kit.

PRODUCT OVERVIEW

Familiarize yourself with the components of your ROVE R2-4K PRO Dash Cam.



Image: ROVE R2-4K PRO Dash Cam and its companion smartphone application.

Dash Cam Components

- **Front Lens:** Captures 4K UHD video with a 150° wide-angle view and F1.5 aperture.
- **3" IPS Display:** Located on the rear of the dash cam for live view and settings.
- **Control Buttons:** Menu, Mode/Back, Mute, Emergency Lock/Wi-Fi, Switch Camera View, OK/Confirm.
- **USB Type-C Port:** For power input/data output.
- **MicroSD Card Slot:** Supports up to 512GB cards.
- **GPS Module:** Integrated for location and speed data.
- **Speaker & Microphone:** For audio recording and voice guidance.



Image: Front view of the ROVE R2-4K PRO Dash Cam.



Image: Side view of the dash cam showing USB-C port and power button.

SETUP

1. MicroSD Card Installation

Insert the provided 128GB Micro SD Card into the dash cam's card slot. Ensure the card is formatted within the dash cam settings before first-time use.



Image: ROVE Ultimate 128GB Micro SD Card and USB-C card reader.

2. Dash Cam Mounting

Clean the windshield thoroughly. Attach either the 360° Suction Mount or the 360° 3M Sticky Mount to your desired location on the windshield. Slide the dash cam onto the mount and secure it.



Image: ROVE R2-4K PRO Dash Cam with suction mount and built-in GPS module.

3. Rear Camera Installation

Attach the rear camera to your rear windshield using the adhesive mount. Connect the rear camera to the main dash cam using the provided USB Type-C rear camera cable. Route the cable neatly along the headliner and A-pillar using the cable hiding clips and trim tool.

4. Power Connection

Connect the USB Type-C car charging cable to the dash cam and plug the car charger into your vehicle's 12V auxiliary power outlet. Alternatively, use the ROVE Ultimate 3-Lead Type-C Hardwire Kit for permanent installation and 24-hour parking mode functionality.



Image: ROVE R2-4K PRO Dash Cam with the optional hardwire kit for parking mode.

OPERATING INSTRUCTIONS

1. Initial Power On & Formatting

Once powered, the dash cam will automatically turn on. Follow the on-screen prompts to format the MicroSD card and set the date/time.

2. Recording Modes

- **Loop Recording:** The default mode, continuously recording video in segments (e.g., 1, 3, 5, or 10 minutes). Older files are overwritten when the card is full.
- **Emergency Recording (G-Sensor):** Automatically locks and saves video footage upon detecting sudden impacts or collisions. Sensitivity can be adjusted in settings.
- **Parking Mode:** When hardwired, the dash cam can automatically trigger recording upon motion detection or impact while the vehicle is parked.
- **Time Lapse Video:** Records specific images per second at a lower rate, saving storage and capturing long-duration events.

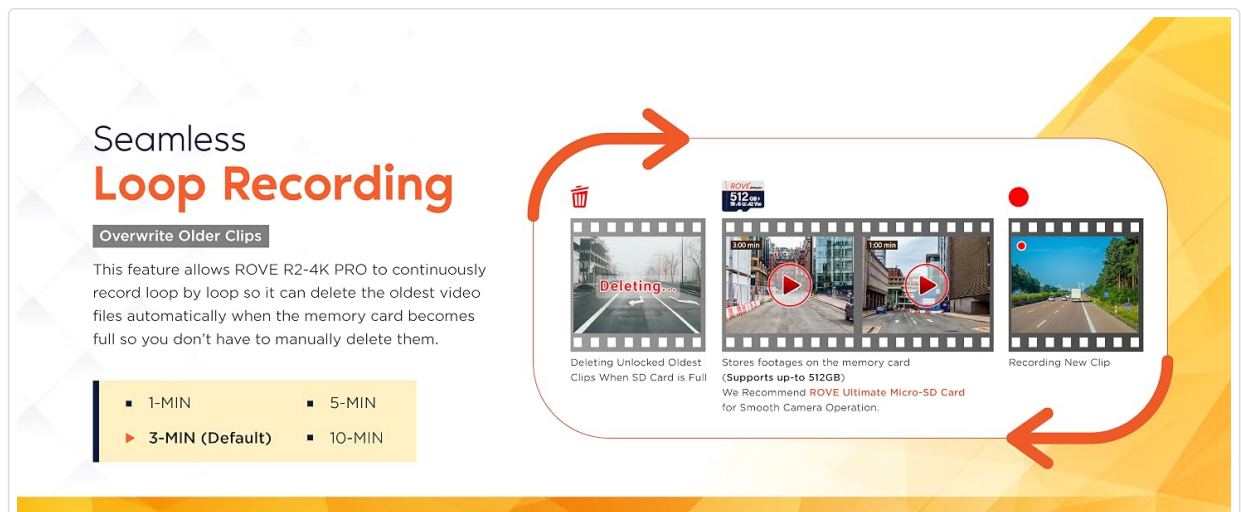


Image: Explanation of the seamless loop recording feature.

3. Wi-Fi Connectivity & ROVE App

Enable Wi-Fi on the dash cam and connect your smartphone to the dash cam's Wi-Fi network. Use the ROVE App to view live video, download recordings, and adjust settings.

5GHz WiFi

BUILT-IN FEATURE

Pair your ROVE R2-4K PRO with your iPhone (iOS) or Android Smartphone using our NEW ROVE App.

- Easy WiFi Configuration
- Live Preview
- Play, Download & Share Videos
- Always ON WiFi Support

NEW ROVE APP
Play, Download & Share your Videos on Social Media Easily.

Available on the **App Store** | **GET IT ON Google Play**

ROVE R2-4K PRO'S 5GHz » 4X Faster than others.

WiFi Type	Speed
5GHz WiFi Speed	Up To 8MB/s
Other's 2.4GHz WiFi	Up To 2MB/s
OTHER'S	

Image: ROVE R2-4K PRO Dash Cam with built-in 5G Wi-Fi for fast downloads.

4. GPS Functionality

The built-in GPS records real-time speed, driving routes, and location data, which can be viewed on the dash cam screen or via the ROVE GPS Player on your PC/Mac.

Built-In GPS

Built-in GPS enables you to view real-time live speed and compass on the 2.4" IPS Camera Screen. It records precise driving routes, locations, and speed stamps directly on the video.

Available for both

Watch recordings, GPS logs and G-Sensor data through your PC/MAC by using our FREE ROVE GPS PLAYER Conveniently.

Image: ROVE R2-4K PRO Dash Cam with built-in GPS for accurate tracking.

MAINTENANCE

1. MicroSD Card Formatting

Regularly format your MicroSD card (e.g., monthly) to ensure optimal performance and prevent data corruption. This can be done through the dash cam's settings menu.

2. Firmware Updates

Keep your dash cam's firmware updated via the ROVE App for the latest features and improvements.

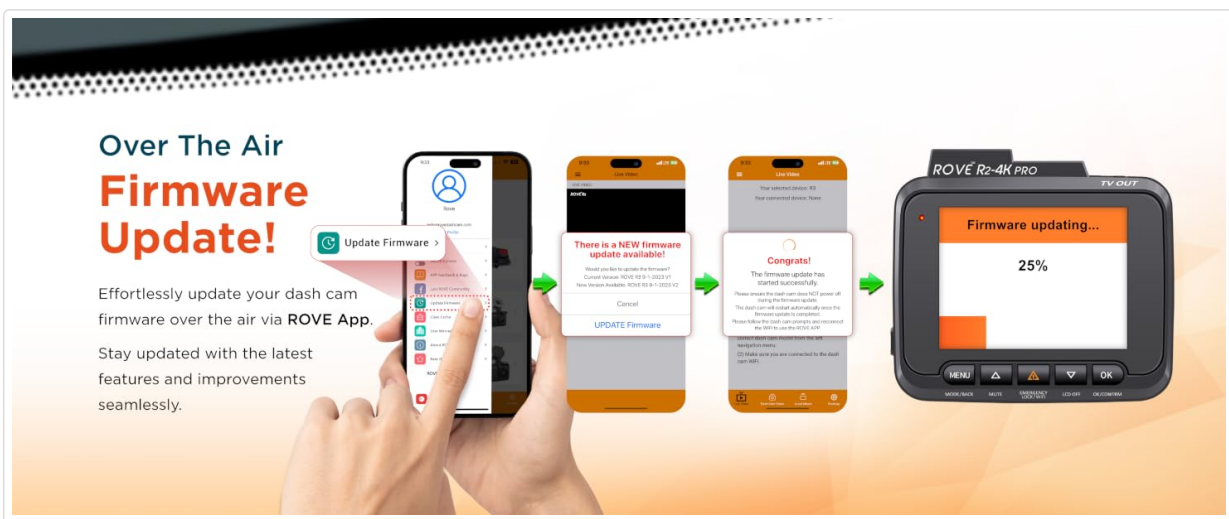


Image: Step-by-step guide for over-the-air firmware updates via the ROVE App.

3. Cleaning

Use the provided cleaning wipes to keep the dash cam lens and screen free from dust and smudges for clear recordings.

TROUBLESHOOTING

- **"Memory Card Speed Too Slow" Error:** Ensure you are using a genuine Class 10, U3 Speed Micro-SD Card. ROVE Ultimate Micro SD Cards are recommended.
- **Camera Not Recording:** Check if the MicroSD card is inserted correctly and formatted. Ensure the power connection is stable.
- **Wi-Fi Connection Issues:** Ensure the dash cam's Wi-Fi is enabled and your phone is within range. Restart both devices if necessary.
- **Parking Mode Not Activating:** Verify that the ROVE Ultimate 3-Lead Type-C Hardwire Kit is correctly installed and connected to your vehicle's fuse box.

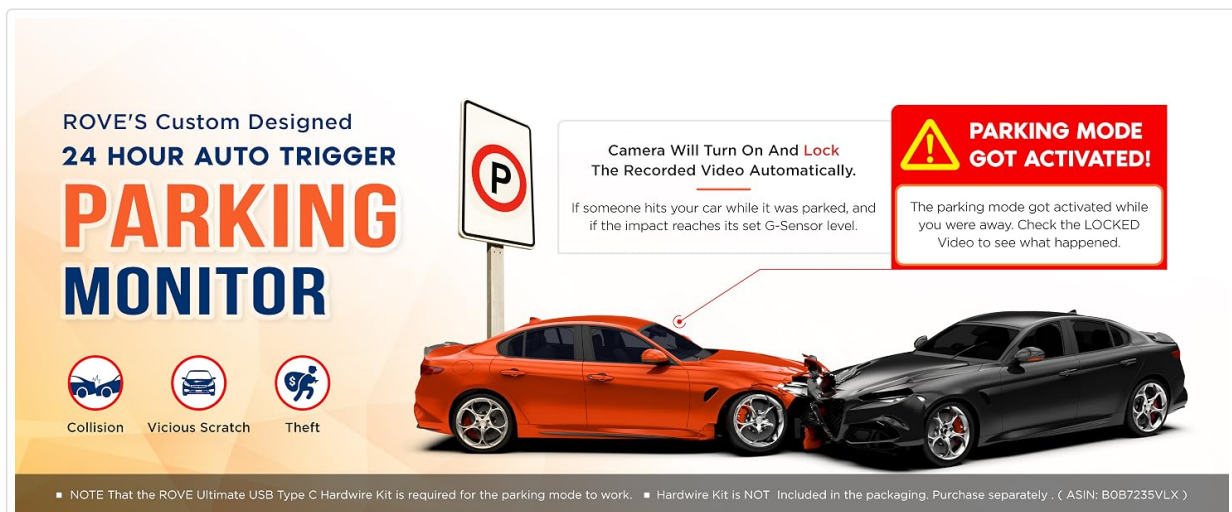


Image: Warning message displayed when parking mode is activated.

SPECIFICATIONS

Feature	Detail
Model Name	R2-4K PRO
Video Capture Resolution	2160P (4K) @30fps, 1440P (2.5K) @60fps/30fps, 1080P (HD) @60fps/30fps

Connectivity Technology	5G Wi-Fi
Special Feature	Motion Sensing, Built-in GPS, Supercapacitor, Super Night Vision, Wide Dynamic Range
Included Components	Dash Cam, Hardwire Kit, 128GB Micro SD Card, Car Charger, Mounts, Cables, Tools, Manual
Mounting Type	Suction Mount, Sticky Mount
Control Method	Buttons, Touch (via App)
Color	Black or Gray

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries, please refer to the contact details provided in your Quick Start Guide or visit the official ROVE website.

ROVE offers free firmware updates and app updates for iOS & Android devices to ensure optimal performance and access to the latest features.