

ROVE™ R2-4K

TRUTH BE TOLD

Please Read



ROVE™
DASH CAM

Smart & Beautiful
ROVE APP For
iOS & Android



USER MANUAL

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www.rovedashcam.com



EXPERIENCING PROBLEMS?

- ▶ Item NOT as described?
- ▶ Damaged or defective?
- ▶ Missing items?
- ▶ Any issues what so ever?

CONTACT US BEFORE RETURNING THE ITEM

WE WILL HELP YOU RESOLVE ANY ISSUES ASAP.

CUSTOMER SERVICE

Hours: Mon - Fri 9am-5pm PST

EMAIL US



Response in just 6 hours

help@rovedashcam.com

TEXT US



For faster response text us

1 (401) 484-ROVE(7683)

Scan the QR Code to Email US



Scan the QR Code to Text US



Just Scan the QR Code with your iPhone or Android's Camera to get in touch with us.

www.rovedashcam.com

WATCH HOW TO VIDEOS

Visit our website

www.rovedashcam.com/pages/videos



Understanding ROVE R2-4K

Watch HOW-TO VIDEOS to learn & understand all the features so you can get the maximum benefit out of it.

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INTRODUCTION

Thank you for purchasing ROVE™ R2-4K Ultra HD 2880 x 2160 @24 fps Digital Vehicle Dash Cam (Automobile Black Box). This product provides high quality image capture and irrefutable evidence for what goes on from the perspective of your dashboard. Rove Dash Cam is a very elegant, convenient and durable multi-vehicle driving recorder.

PRODUCT OVERVIEW

This Product is a leading Ultra HD Digital Vehicle Black Box Recorder. Equipped with ULTRA-HD 2160P @24fps with NOVATEK NT-96660 processor + SONY IMX335 Sensor for excellent low light sensitivity and high dynamic range which allows you to record continuous high-quality video playbacks and brings phenomenal 4K Ultra-HD resolution videos even at night without the need for infrared sensors. It has superior night vision technology which captures superb video under all low-light conditions. It has advanced built-in Wi-Fi, built-in GPS, G-Sensor, Emergency Video lock button, Audio recording, Loop cycle recording, Motion detection, Distortion correction, 180 degree auto video rotation, Wide dynamic range, Parking mode, 24-HR Auto Trigger Parking Mode and HDMI output. When compared to most dash cameras, this exclusive product design provides an elegant appearance, packed with top rated unique features, records superb unbeatable videos and is very easy to use.

FEATURES

-  2.4" LCD Screen
-  Video Rotate
-  Built-In WiFi
-  Auto Power OFF
-  G-Sensor
-  Live Speed
-  Motion Detection
-  Live Compass
-  WDR
-  LCD ON/OFF Setting
-  Distortion Correction
-  Screensaver
-  Built-In GPS for Geo Tagging
-  Time Lapse Video
-  Parking Mode
-  Built-In Speaker & Microphone
-  24hr Auto Trigger Parking Mode
(ROVE's 3-Lead Hardware Kit is required)
-  NOVATEK NT-96660 Chipset + SONY IMX335 Sensor
-  4K 4K Ultra-HD 2880x2160P @24fps
-  150° Ultra-wide A+ Viewing Angle
-  Loop Cycle and Split Recording Mode
-  Emergency Video Lock Button
-  Up to 512GB Class 10, U3 Speed for 4K Video is required.
(Micro SD Card NOT Included-Required for camera operation)
-  Time, Date, Driver ID, Driving Speed, GPS stamp support
-  Internal Rechargeable Battery 250 mAh

USER AGREEMENT

By purchasing ROVE Dash cam, it is assumed that by default you agree with precautions, user warnings and all the terms & conditions of warranty. If for any reason you do not agree with any of the terms mentioned in this manual, then you may return the product in its original packaging unused within its return window for a full refund.

PRE-CAUTIONS

Please read this manual very carefully before using the camera or installation and keep it safe for future reference. It will be helpful if you have any questions or encounter any operational problems.

⚠ WARNINGS

Failure to comply with safety warnings and regulations can result in serious injury or death.

Please read and understand all instructions before using this product. If any damage is caused by failure to follow the instructions, the warranty will be voided.

- Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.
- Do not put the unit in a damp environment. This device is not designed to be damp proof.
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.
- Don't install it where it will block the driver's view of the road including mirrors or the deployment of airbags.
- Do not place the camera loose on top of the dashboard or in-front of the air bags.
- Do not mount the camera where it can be a distraction if it

became loose and fall off the windshield while driving.

- Do not expose this device to an excessive heat, dust or use any chemical substance or cleaning solvent to clean this device. Instead use soft moist cloth for cleaning.
 - Pay careful attention when cleaning the lens surface. Use a soft, moist cloth to clean the lens to avoid scratches which may compromise video quality.
 - Removing the camera from the vehicle when not in use is recommended. This prevents likelihood of theft or exposure to excessive heat to prevent damage to unit.
 - Do not operate or install the camera while driving, or attempt to change any setting etc. Pull off the road first and only do so when it is safe.
 - Do not drop, puncture or disassemble this product.
 - Do not use the charger if the cord is broken or damaged. Keep out of reach of children.
 - Do not leave the camera in the direct sunlight for a long period of time or where temperature could go above 140°F (60°C).
 - This is NOT a toy. Keep away from children.
 - For indoor use ONLY. This camera is intended to use inside motor vehicle.
 - Memory Card: Before inserting the external memory card, make sure to inspect for physical damage or cracks. Do NOT use the memory card that shows the sign of physical damage or cracks, as it can short-circuit the memory card.
- *Some countries or USA states prohibit drivers from mounting anything on windshield or prohibit mounting on certain area of the windshield. It is owner/operator's responsibility to mount or use of this device in compliance with local laws.*
 - *The company is NOT responsible for the loss of any data or your content during operation or in any circumstance.*



Getting Started

OUT OF THE BOX INSTRUCTIONS

Please read and understand warnings & safety instructions before operating.

- 1 Make sure to always keep the camera plugged into power, because camera's internal battery is NOT intended to last more than 3-5 minutes depending on the video resolution you choose.
- 2 You will need to insert a memory card before you can start recording. Please insert only a brand name Class-10, U3 or higher speed Micro-SD card up to 512 GB max for reliable operation. (Memory card is NOT included in the packaging)
- 3 Before first time use, you MUST format the memory card in the camera to prevent any errors and for smooth operation. (See Page 24)

- 4 ROVE R2-4K Car dash cam is programmed to turn ON and START RECORDING automatically when it receives power, and STOPS RECORDING and turns OFF automatically when power gets disconnected within 4-5 seconds .

(i.e. when you start /stop your car)

- 5 **Setting Date & Time:** Please set the correct date and time Based on your location under the TIME ZONE SETTING by going to camera's system settings menu.

(See page 25 for details)

- 6 **How to hide power cable inside your car's dash board?**

Many people on YouTube already demonstrated how and where to hide power cable inside your car. You can view one of the possible ways on the link, this video is NOT recorded by us.

<https://youtu.be/xwD8IIk-MHU>

- 7 **How to transfer videos to PC/MAC?**

Insert memory card directly to your PC/MAC to view or download them.

You can also connect your camera to your PC/MAC with the included short USB data cable. Then Select Connect as a Flash Drive.

We recommend VLC Media Player to view your videos. You can get it free at www.videolan.org

NOTE

Do NOT use Windows Media Player. It is NOT made to play 4K videos hence, your video playback will lag.

- 8 **Wi-Fi:** You can also connect ROVE R2-4K Car Dashcam to your smart phone directly by using built-in Wi-Fi feature.
(See Page 26)

CAMERA SPECIFICATIONS

Chipset / Sensor	NOVATEK 96660 / SONY IMX335
LCD Screen	2.4 Inch TN
Lens	150° A+ Ultra HD Wide Angle
Video Resolution	2880x2160P @24fps (4K) 2560x1440P @30fps 2304x1296P @30fps 1920x1080P @60fps (FULL HD) 1920x1080P @30fps 1280x720P @120fps (Can Play: SLOW-MO VIDEO) 1280x720P @60fps 1280x720P @30fps
Photo Resolution	VGA, 1.3M, 2MHD, 3M, 5M, 8M, 10M, 12M
Lens Aperture	F 1.8
GPS	Built-in GPS Geo-Tagging Support
WiFi	Built-in
Photo / Video Format	JPEG / MP4
AV Interface / TV Mode	AV Out, HDMI Out / NTSC- PAL
Memory Card	TF Card Class 10, U3 Speed, Max Support 512 GB
G-Sensor	Built-in 3-Axis Impact Accelerometer Gravitational Sensor to lock & protect current video.
Multi Language Support	English, French, Spanish, Portuguese, Deutsch, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Thai, Polish
Anti Flicker	60 Hz, 50 Hz
Color	Color / B&W / Sepia
Distortion Correction	Support
Video Rotate	180 degree video rotate support

Loop Recording	Support – seamless recording
Motion Detection	Support
Parking Mode	Support
24hr Auto Trigger Parking Mode	Support
Year/Month/Day/Hour/ Minute/Second	Support
Mic / Speaker	Built-in Micro Phone & Speaker
Mini USB Function	1. Storage, 2. Charging, 3. Webcam
Auto Power ON/OFF	Support
Power Interface	5V, 1.5A
Battery	Built-in Li-ion battery 250mAh
Temperature Guideline	Operating Temperature -22°F (-30°C) ~ 176°F (80°C), Working Humidity: 10 – 90%

PACKAGE CONTENTS



ROVE™ R2-4K Dash Cam



360° Rotational Suction Mount



360° Rotational 3M Sticky Mount



Electrostatic Film
For 3M Sticky Mount



12FT Mini-USB Car Charging Cable



2.5FT Mini-USB Data Cable



5X Cable Hiding Clip
& Car Wire Trim Tool



ROVE Dual USB Car Charger



Quick Start Guide









User Manual

PLEASE NOTE: Memory Card is NOT Included. We Recommend ROVE Ultimate Class 10, U3 Speed Micro-SD Card, UP to 512GB

UNIT STRUCTURE APPEARANCE & BUTTONS



SHORTCUTS & UNDERSTANDING BUTTONS

BUTTON IMAGE	BUTTON NAME	SHORTCUTS / FUNCTIONS
	POWER BUTTON	To Turn ON The Camera: Press power button once.
		To Turn OFF The Camera: Long press power button for 2-seconds.
		Press once while video is being recorded to take a quick snap shot.
	MENU / MODE	Press Once - to enter/exit menu settings
		LONG PRESS for 2-Seconds - to Switch Modes
	UP	Press Once - to Mute/UN-Mute Microphone while in Video Mode
		Press Once - to Scroll UP while in Any Menu Settings
		Press Once - to Zoom-In (up to 2.9x) while in Photo Mode
		Press Once - to Scroll to Previous Video Files while in Play Mode
		Press Once - to Reverse FF while video is being played in Play Mode
	EMERGENCY LOCK	Press Once - to Lock the Current Loop Cycle Video File while Video is being recorded
		LONG PRESS for 2-Seconds - to Turn ON WIFI
	DOWN	Press Once - to Turn OFF/ON LCD while in Video Mode
		Press Once - to Scroll DOWN while in Any Menu Settings
		Press Once - to Zoom-Out (up to 2.9x) while in Photo Mode
		Press Once - to Scroll to Next Video Files while in Play Mode
		Press Once - to Reverse FF while video is being played in Play Mode
	OK / CONFIRM	Press Once - to Start/Stop Video Recording
		Press Once - to Take Snap-Shot while in Photo Mode
		Press Once - to Play/Pause Current Video while in Play Mode
		Press Once - to Enter / Confirm Specific Settings while in Menu Settings.

INSTALLATION

The camera comes with the default settings which allows you to start using your camera right out of the box without changing any settings. Make sure to format the memory card before first time use.

- 1 Installation Position:** Most people will install their R2-4K next to the rear view mirror and opposite side from the drive. First, Stop the engine where there is some light and in a safe place, and then remove the key.



- 2** Make sure to clean your windshield from the dust particles and an evaporated grease from the dashboard surface.
- 3** Attach the ROVE R2-4K with the suction mount. Set the camera lens to pointing forward to the center when installing it.

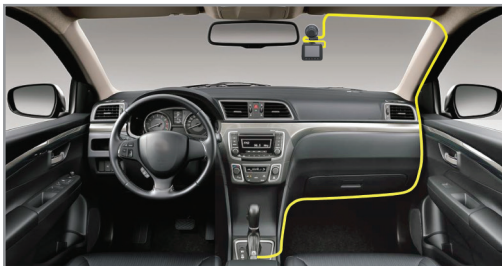
NOTE

- Make sure that the camera's view is not obstructed by any window tint or any other objects.
- If your vehicle has side curtain airbags please be very careful when running any cables along your vehicle windows. Ensure you are not running Cable past any of the airbags as this can prevent the airbags from deploying.

- To Lock The Suction Mount: Press & hold it tight towards windshield to remove any air between suction mount and the windshield. While pressing & holding towards the windshield, turn the LOCKING Knob towards CLOCKWISE to LOCK in place.



- Use the power cord to connect the USB Port of the product to car's cigarette lighter socket.



CAUTION

Only use ROVE's USB Car Charger, otherwise the camera may frequently reboot or flicker LCD due to insufficient power.

- Use the cable clip to organize and hide the power cord so that it doesn't interfere with the driver's vision.

- 6 Adjust the lens angle of the camera.



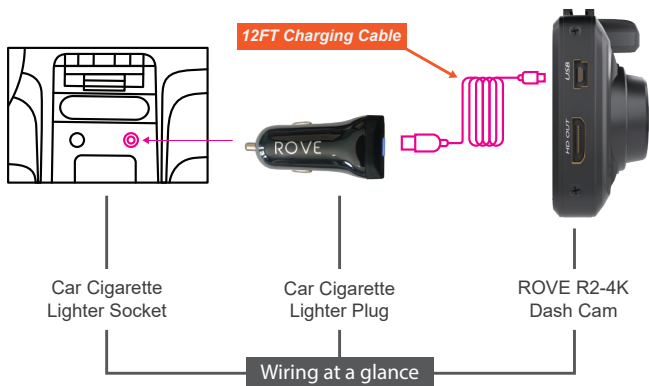
- 7 Start the engine and check if the product works properly.

**CAUTION**

- ▶ Make sure to remove the Plastic Lens Screen Protector from the lens before recording videos. Otherwise your videos will look blurry and blocked.
- ▶ Do not remove the Micro-SD card while the camera is turned ON.
- ▶ Otherwise it may cause memory card to be write protected and possible loss of data or damage your memory card. Always remove/insert memory card while camera is turned OFF

Note

After a test drive, check and make sure if all the videos are recorded correctly.



Charging

Only use the supplied charger to power and charge the Rove R2-4K dash cam.

NOTE

You can use your iPhone or Android Phone's USB Charger, and plug into your home's 110V Wall outlet to power/charge the camera while in your home. Just make sure it is NOT super heavy duty charger over 3.1 AMP. Otherwise it can damage the camera.

- 1 Car charger connects to the car cigarette lighter.
- 2 Do NOT Connect the camera to PC for Charging. Instead use the 110V wall outlet.
- 3 The device will start up Automatically and record as soon as power supplied, and the device will save the last video file and power off automatically after cutting the power supply.

TURNING YOUR CAMERA ON/OFF

AUTO POWER ON/OFF

- **Auto Power ON:** ROVE R2-4K Dash Cam is designed to turn ON and start recording automatically when it receives power. i.e. when the car engine is started.
- **Auto Power OFF:** The camera is also pre-configured to turn itself OFF automatically within few seconds when the power gets disconnected, i.e. when the car key is turned to LOCK position.



CAUTION

Some trucks/car's 12V cigarette outlet is always HOT, which means it provides constant power even when the car is turned OFF and LOCKED. If this is the case for your vehicle, then the auto ON/OFF feature will not work. And If you leave the camera continuously recording when the car is turned off, then it will drain your car/truck's battery and you might not have enough power to start your car for next time. To Remedy this situation, you can do one of the two option.

- Hardwire your dash cam to your car's fuse box with ROVE'S 3-Lead Auto Trigger Hardwire Kit.
Visit "www.rovedashcam.com" to purchase one separately.
- Change the connection in the fuse box for your 12V outlet to socket which only supplies power when car key is turned to ACC or ON position.
(See this example only video: <https://youtu.be/F5VL-pUCInc>)

MANUAL POWER ON/OFF

- **To manually turn ON:** Press the power button once.
- **To manually turn OFF:** Press and hold the power button for at least 2-3 seconds

NOTE

Be sure to insert the Memory card before powering up the device. Do NOT insert/remove the memory card while the camera is turned ON. Only do so when it is turned OFF.

HOME SCREEN

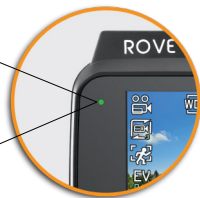


Home Screen Status Icons






ICONS	WHAT DOES IT MEAN?
	Video Mode
	Photo Mode
	Play Mode
	Battery Is Charging Power Cable Is Plugged In
	Power NOT Plugged In Internal Battery Level
	Memory Card Installed
	Memory Card NOT Installed Memory Card Is Defective
● 00:00:26	Video Recording Started
00:02:09	Loop Recording Timer
	G-Sensor
	Emergency Video Lock
2880x2160 P24	Current Video Resolution
09/02/2020 16:20:33	Current Date & Current Time



ICONS	WHAT DOES IT MEAN?
	Parking Mode ON - Internal Battery
	24HR Auto Trigger Parking Mode ON - 3-Lead Hardwire Connected
	Parking Mode OFF
	Microphone ON
	Microphone OFF
	GPS - looking for signal
	GPS - Now has Signal
42 MPH	live Speed
	Time Lapse Video
	Wide dynamic range (WDR)
	Loop Recording ON + Number Indicates your selection
EV 0.0	Exposure Value

LED STATUS LIGHT INDICATOR

BLINKING RED LED - Recording Video**SOLID RED LED** - Not Recording Video**NO RED LED** - Camera is Turned OFF**SOLID GREEN LED** - Internal Battery Charging**NO GREEN LED** - Internal battery fully charged

DIFFERENT SCENARIOS

 When Camera Is Plugged Into The POWER		
 + 	Solid	Camera Idle + Internal Battery Charging
	Solid	Camera Idle + Internal Battery Fully Charged
	Blinking	Camera Recording Video + Internal Battery Fully Charged
	Solid	Camera is Turned OFF + Internal Battery Charging (The Green LED Will Turn OFF When The Camera Is Fully Charged)

 When Camera Is NOT Plugged Into The POWER (When Running On Internal Battery)		
	Solid	Camera Idle + Internal Battery NOT Charging
	Blinking	Camera Recording Video + Internal Battery NOT Charging

INSERTING / REMOVING A MICRO SD CARD

- Must use only Brand Name, Class-10, U3 or higher speed Micro-SD Card. Max support 512GB.
- We Recommend ROVE Ultimate Class 10, U3 Speed Micro-SD Card. You can purchase it from Amazon here:
[Search for “ROVE Ultimate Micro SD Card”](#)



1 TO INSTALL

Make sure the camera is turned OFF First. Then align the GOLD CONTACTS facing towards the front of the camera (Lens Side). Then insert the memory card half way in. Then use the finger nail or a paper clip to push the card all the way inward until it clicks and locks in place.

2 TO REMOVE

To remove the MicroSD card, gently push its edge inward until it clicks, and then pops out, then simply pull it out of the slot.

NOTE

If you experience camera FREEZING or LAGGING or STOPS Recording after few seconds. Then it is the issue of the MEMORY CARD. (NOT THE CAMERA ISSUE) - Please Contact US.

ROVE R2-4K Dash Camera is High Bit-Rate 4K Video recording device. Which requires High Speed Rating SPECIFIC Micro-SD Cards.

Absolutely do NOT buy Sandisk Cards. Do NOT Purchase it from third party seller on eBay or any online place. Otherwise they may be a fake cards and will NOT work.

FORMATTING MEMORY CARD

- 1 Press **OK** to STOP video recording first or to clear the error message. If you have any on the screen.
- 2 Please press the **MENU** button once to enter the video settings.
- 3 Press the **MENU** button again to switch to the System Settings.



- 4 Then press the **DOWN** button to scroll down until you see **FORMAT** >> Then press the **OK** button to enter **format** submenu. >> then press **DOWN** button to highlight the **FORMAT** >> Then press the **OK** button to confirm to format the memory card (The formatting process will be super quick. Now press the **MENU** button to exit the settings).



Press **OK** button to make sure your Memory card is formatted.



NOTE

- We recommend that you format the memory card every 3 months to keep it clean for smooth operation.
- Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become in operable. When that happens, please replace your memory card.

TIME-ZONE SETTING:

To set the date & time, choose one of the following options below:

- 1 You can choose date and time of your choice manually, go to System Settings > Date/Time and select the date and time of your choice.

OR

- 2 You can also set the GMT/UTC time-zone value instead, so the camera will set the date and time based on the GMT/UTC value selection when it receives the GPS signal lock Automatically.

USA Time Zones - GMT (Greenwich Mean Time) Values

Time Zones	When DayLight Savings	
	Ends ▶ Nov - March	Begins ▶ March - Nov
Hawaii	GMT (-10:00)	
Alaska	GMT (-9:00)	GMT (-8:00)
Pacific Time Zone	GMT (-8:00)	GMT (-7:00)
Mountain Time Zone	GMT (-7:00)	GMT (-6:00)
Central Time Zone	GMT (-6:00)	GMT (-5:00)
Eastern Time Zone	GMT (-5:00)	GMT (-4:00)

Go to <http://www.greenwichmeantime.com/time-zone/usa> to find out your Correct GMT (Greenwich Mean Time) value based on your location in USA

USING WiFi FEATURE



What is a WiFi Feature?

The WiFi feature has been designed so you can pair your dash camera wirelessly with your smartphone and access your recording instantly from the dash cam. Here you can view, download and share your videos easily with your friends and family. Just like how you would connect your Bluetooth speaker to your smartphone for wireless music play, the same way dash cameras use WiFi signal (instead of a Bluetooth) to pair your smartphone with ROVE R2-4K.

What is the WiFi Range?

The WiFi signal range is about 10FT when there are NO obstructions in the middle. Please NOTE that just like your home WiFi network, you can't have WiFi signal outside your home, the same way, WiFi range is 10FT from this small device.

Can I watch the videos or surveillance around my car remotely?

NO. ROVE R2-4K dash cam is NOT made to broadcast footage over the cloud or internet. It is NOT a cloud or an IP camera and it is NOT meant to do that. You can get live video and footage on ROVE R2-4K's APP as long as you stay within the 10FT range from the dash cam.

Pairing your R2-4K with your Smart Phone using WiFi

STEP 1: Search & Install the ROVE APP



1

Search for "ROVE" in App Store or Google Play Store to find the App and then download and install it on your phone.

PLEASE NOTE

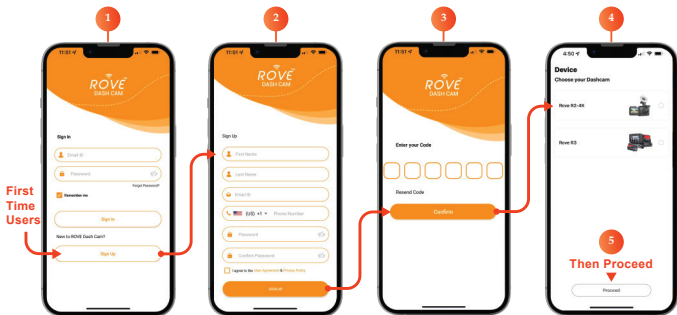
ROVE R2-4K's WiFi Connection pairing does NOT broadcast the internet. The WiFi Connection to ROVE R2-4K is meant to transfer the data between your phone and the ROVE R2-4K dash cam.



STEP 2: Sign Up (For First Time Users Only), Skip this step if you already have an account.

IMPORTANT

Do NOT Connect your iOS/Android device to ROVE R2-4K's WiFi yet.



FIRST TIME USERS:

You will need to register and create a free account using ROVE APP, so you can keep your videos and data secure in your device. (To register - you will need an internet access, so make sure to stay connected to internet using your home wifi or cellular data while registering for the first time) - You will only need to do this once. You should stay logged in your ROVE account mostly, unless you get logged out.

If you ever need to sign back in to ROVE account again, then you will need to be connected with the internet first, then login to your account before pairing with ROVE R2-4K's WiFi.

STEP 3: Turn the WiFi ON from the R2-4K's Settings



CONNECTING ROVE R2-4K DASH CAM WITH SMART PHONE:

1 TURN ON WIFI FROM THE CAMERA: Long press Emergency LOCK BUTTON for 2-seconds or go to the camera's SYSTEM SETTINGS to turn ON the WiFi feature.

2 Now open the ROVE app on your smartphone, and click on the "Connect to ROVE Dash Cam WiFi" button."

This will open up your smartphone's WIFI setting now; look for a WiFi network named "ROVE_R2-4K_*****" on the lists.

3 Join the "ROVE_R2-4K_*****" network using a default password displayed on your dash camera's screen. (Default Password: 12345678)

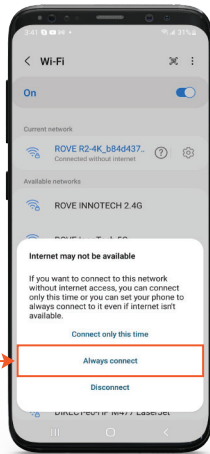
4 Once your smartphone is connected to the ROVE Dash Cam WiFi, go back to the ROVE APP and choose your dash cam model, then click proceed to be connected. You should see the live video feed from the camera on the main home screen of the ROVE APP.

Now you are all set to access your recording from the ROVE app and explore it further.

For Android phones:

There is one extra step you will have to take for the first time. Once you connect to ROVE R2-4K WiFi, it will say "No Internet". Which is fine. Wait about 10-15 seconds until you see the below pop up or notification. You just have to tap on the pop up notification that will show up in few seconds to select that you still want to stay connected even though there is NO Internet. Once you select this OK, you are set to go. Please contact us if you need any help.

When this pop up show up, make sure to select "Always Connect"



For iPhone:

The Wi-Fi network "ROVE R2-4K_066438" does not appear to be connected to the Internet

Do you want to temporarily use cellular data?

Use Cellular Data

Keep Trying Wi-Fi

If you get this pop up for your iPhone while using WiFi feature, make sure to tap on "Keep Trying WiFi". Otherwise the camera will get disconnected from the WiFi and then you will have to forget the ROVE WiFi and then start to pair again for it work again.

UNDERSTANDING 3 – CAMERA MODES

ROVE R2-4K has 3 different camera modes:

1. VIDEO MODE

2. PHOTO MODE

3. PLAYBACK MODE

TO SWITCH MODE:

Press & Hold  button for 2-seconds.

NOTE

- Each Mode has their own separated Menu settings.
- System Settings are common between all three Modes.







1. VIDEO MODE:



Video mode lets you record live videos and store them on the installed Micro SD card.



While in the Video Mode:

- Press  button to Start/Stop video recording manually.
- Press  button Once to take a snapshot.
- Press  button to Turn Off/On LCD. (Camera still stays ON if you use this button - Red LED indicates camera is still ON)
- Press  button to enter Video Setting.
- Press  while video is being recorded to manually lock the video, so it will not get deleted by loop cycle function.
- Press & Hold  to turn ON WiFi.

2. PHOTO MODE:



Photo mode lets you take a snapshot.

While in the Photo Mode:

- Press **OK** button to take a snapshot
- Press **▲** button to ZOOM IN
- Press **▼** button to ZOOM OUT
- Press **MENU** button to enter Photo Mode's Menu Settings
- Press & Hold **Wi-Fi** to turn ON/OFF Wi-Fi



3. PLAYBACK MODE:



Playback mode lets you play your Video file or photos. It can even let you delete or lock any videos while viewing it.

While in the Playback Mode:

- Press **OK** button to Play/Pause Video.
- Press **▲** button to scroll to Previous (<) video file.
- Press **▼** button to scroll to Next (>) video file.
- While Video is being played, press **▼** button to FF Video playback up to 8x.
- While Video is being played, Press **▲** button to REVERSE FF Video playback up to -8x.
- Press **MENU** button to enter Playback Setting Menu.
- Press & Hold **Wi-Fi** to turn ON/OFF Wi-Fi.



Playback Your Recorded Vid

There are 3 different way you can access your videos.

A. Directly On The CAMERA by switching to the PLAYBACK MODE

1



You can do this by pressing and holding the **MENU** button for two seconds so it will switch from Video mode to Photo mode.

2



Then Press and hold the **MENU** button again to switch from Photo mode to Playback mode

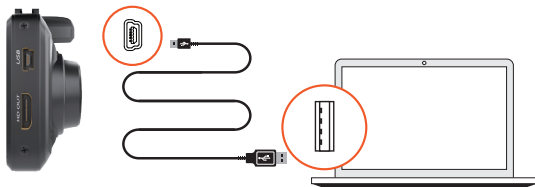
3



Use the on-screen navigation button and use the **▲** / **▼** button to scroll your videos. Press **OK** to play video

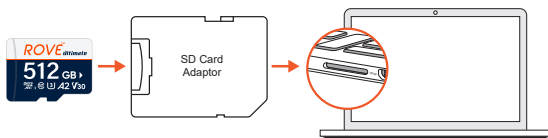
B. On PC/MAC

To play on your PC/Mac, simply connect the camera using included short USB Data cable and choose the Connect as USB Flash Drive on the camera when this message pops up.



Or,

You can simply remove the memory card from camera and insert it directly in your PC if you have a memory slot.



Then find the added memory card drive on your computer and then simply double click on the video to play them.

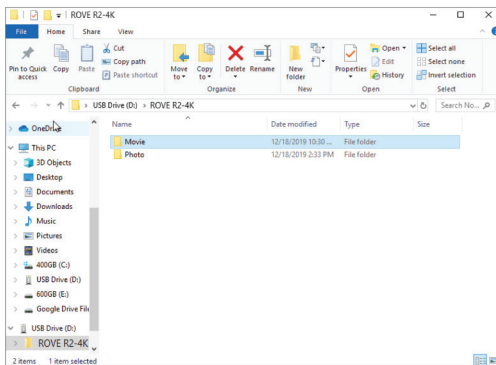
ROVE™ R2-4K

Then simply go to MY PC or Folder, then look for the added flash drive. You should be able to see drive "D" or "E" or other name depending on the pre-installed hard drives.

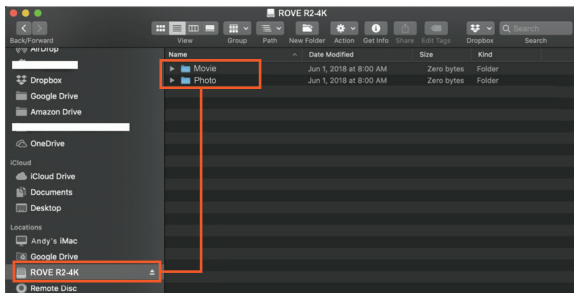
Once you find the added flash drive, double click in it, then you will see the R2-4K folder where you will find your unlocked videos.

You will also see a folder named "RO" which means read-only, where you will see your locked videos.

A PC

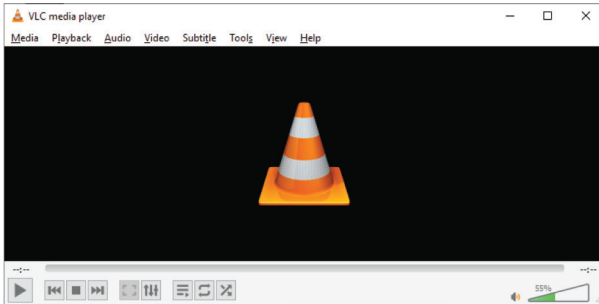


B MAC



Correct Video Player To Play 4K VIDEOS:

We recommend VLC Media player. You can get it free at www.videolan.org.



You can also use our GPS Player from our website for free to view the google maps from www.rovedashcam.com



C. On Smart Phone

To play on Smart Phone, simply turn on WiFi first from the camera, then connect the ROVE R2-4K WiFi by entering the default password “12345678”

Once connected, simply open the correct ROVE APP for your model. Please note that ROVE R2-4K model uses “ROVE” App only. So make sure you are using the correct App for the correct model that you have.

(For more step by step instructions about WiFi feature see page 26 for details)


VIDEO SETTINGS



SYSTEM SETTINGS



UNDERSTANDING CAMERA SETTINGS

Short press  Key to enter the setting interface after power on. In this case, the video recording will be stopped and you get the Settings Menu.

Attention: To EXIT the Settings Menu, Press the  button to go back.

VIDEO SETTINGS

VIDEO RESOLUTION

You can choose the video resolution you like. Higher resolution videos will take more storage space.

• 2880x2160P @ 24fps (4K)	• 1920x1080P @ 30/60fps
• 2560x1440P @ 30fps	• 2304x1296P @ 30fps (NO geo Tagging Data will be recorded this resolution)
• 1280x720P @ 120fps (Can Play: SLOW-Motion Video)	• 1280x720P @ 30/60fps

Below are the estimation on how much time is stored on the memory card in the loop feature:

Resolution	32GB	64GB	128GB	256GB	512GB
2160p @ 24fps	2 hrs 40 mins	5 hrs 20 mins	10 hrs 40 mins	21 hrs 20 mins	40 hrs
1080p @ 60fps (Default)	3 hrs 13 mins	6 hrs 27 mins	12 hrs 30 mins	25 hrs	50 hrs

This is approximate but close, give or take a few mins depending on the memory card. The lower the resolution, the more it will hold, and the higher the resolution, the less it will hold.

 **LOOP RECORDING**

This feature allows camera to continuously record loop by loop so it can delete the oldest video files automatically when the memory card becomes full so you don't have to manually delete them. This feature will split each video files to appropriate length based on your selection.

- OFF- 4GB MAX
- 1-MIN, 3-MIN (Default), 5-MIN, 10-MIN

OFF: When you choose off, the camera will Continue to record each file 4GB in size until the memory card becomes full and then it will give you "Card Full" message. It will NOT record any further until you either delete files to make room or format the memory card.

 **WDR**

Wide Dynamic Range (WDR) improves the exposure by taking the combinations of over exposed and under exposed image into one robust wide range of lighting with higher depth image.

- ON (Default)
- OFF

 **EXPOSURE**

This feature allows you to adjust the brightness of a captured image.

- 0.0 (Default)
- -2, -1.7, -1.3, -1.0, -0.7, -0.3, 0.0, +0.3, +0.7, +1.0, +1.3, +1.7, +2



TIME-LAPSE VIDEO

Time Lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time lapse.

- OFF
- 2 frame/second (Smooth)
- 4 frame/second (Smoother)

NOTE

Time-Lapse is OFF by default. It is also programmed to set to ON, then it will stay ON all the time even after camera restarts. So all your videos will be in time-lapse speed (Faster Playing).



PARKING MODE

This feature is designed to work when camera is SHAKEN during Hit-&-Run event while your car is parked. When someone hits your car and shaking is detected based on your G-sensor setting, the camera will turn ON automatically > then START recording for 1-min on internal battery > then lock that video file safely so it does NOT get deleted by loop cycle function & turns itself OFF automatically.

NEW Feature: Now when you turn ON your car the next time, the camera will give you voice alert stating “Parking mode got activated while you were away”. If you hear this, then the parking mode got activated, and you should check the locked videos to see what happened.

- OFF (Default)
- ON

**24HR AUTO TRIGGER PARKING MODE****NOTE**

ROVE's custom-designed 3-Lead Hardwire Kit is required to use this new feature. You can purchase separately by visiting "www.rovedashcam.com"

OPTIONS:

- OFF
- Time-Lapse 1fps & G-Sensor
- Motion Detection & G-Sensor

We have custom designed this feature as many of our valued customers have requested. They have always asked us why can't you design the parking mode or motion detection that can go into parking mode automatically. We are thrilled to inform you that we have developed this feature even better than you have requested. Thank you for your support and suggestions.

Time-Lapse 1fps & G-Sensor: (See how this feature works)

- 1 When this feature is set to ON and ROVE's 3-Lead Hardwire Kit is installed properly.
- 2 Then, when you turn OFF the car's engine and turn the key to the lock position.
- 3 Then the camera will STOP the continuous video recording and it will go into the timelapse 1fps recording mode automatically.

- 4 Now while this timelapse is being recorded, If someone hits your car and if the impact reaches the set G-Sensor level, then the camera will stop the timelapse video > then it will start to record 1-min continuous video, save & lock that video in RO folder > then return to recording the timelapse 1fps.

NOTE

(When the Parking Mode got activated, the camera will give you voice alert stating “Parking Mode got activated while you were away” when you turn ON your car the next time. If you hear this, you should check the locked videos to see what happened.)

- 5 Now when you start your car for the next time, the camera will automatically STOP the timelapse 1fps & G-Sensor parking mode. Then it will go into normal video mode automatically to start the continuous video recording.

Motion Detection & G-Sensor: (See how this feature works)

- 1 When this feature is set to ON and ROVE's 3-Lead Hardwire Kit is installed properly.
- 2 Then, when you turn OFF the car's engine and turn the key to the lock position.
- 3 Then the camera will STOP the continuous video recording and it will go into the motion detection mode and the camera will stay ON and idle, but LCD will be off after some seconds.
- 4 Now the camera will only record video when it detects motion in front of the FOV of the camera and then it will record until there is no more motion is detected.

- 5 Now while the camera stays in Motion Detection mode, If someone hits your car and if the impact reaches the set G-Sensor level, then the camera will stop the motion detection mode > then it will start to record 1-min continuous video, save & lock that video in RO folder > then return back to the motion detection mode.

NOTE

(When the Parking Mode got activated, the camera will give you voice alert stating “Parking Mode got activated while you were away” when you turn ON your car the next time. If you hear this, you should check the locked videos to see what happened.)

- 6 Now when you start your car for the next time, the camera will automatically STOP the motion detection & G-Sensor parking mode, and it will go back into normal video mode automatically to start the continuous video recording.

**RECORD AUDIO**

ROVE R2-4K has built-in microphone to record audio with video. You can choose to record mute video by choosing OFF. You can also press UP button to mute/un-mute while video is being recorded.

- OFF
- ON (Default)

STAMPS

This stamps menu allows you to choose your choice of stamps for the bottom of the video. By default they are all ON.

- Date & Time
- Speed
- GPS Coordinates
- ROVE Logo

NOTE

1. By turning OFF Speed stamps the camera will NOT attach the speed embedded data with the video. So when you play your video on GPS Player, you will NOT see any speed associated with the video.
2. By turning OFF GPS Coordinates the camera will NOT attach the GPS Coordinates or the Driving Route Location with the video. So when you play your video on the GPS Player, you will NOT see any GPS tracker on Google/Baidu maps.



G-SENSOR

G-Sensor is a 3-axis impact gravitational accelerometer which is designed to detect physical and gravitational forces on the camera.

While Video is Being Recorded: In the event when G-Sensor is triggered due to physical or gravitational impact force on the camera, the current loop cycle length of video file will be locked so it will NOT be deleted by loop cycle function.

Parking Mode: G-Sensor setting also impacts Parking Mode feature based on your setting selection.

- 0 = OFF
- 1 = Low Impact Detection
- 5 = Medium Impact Detection (Default)
- 9 = High Impact Detection

 **CAUTION**

In the event of accident please make sure you retrieve your footage before using your camera again to prevent the loss of important video file due to the loop cycle function, in case the force was minor which did NOT trigger G-Sensor to lock video file automatically. It is a best practice and recommended to you to retrieve all necessary video footage after any event of accident before using your camera to prevent loss of vital video file.

 **SPEED UNIT**

You can choose desired speed option stamp to be displayed and recorded on video stamp based on your selection.

- KM/H
- MPH (Default)

 **HIDE DISPLAY ICON**

This feature allows you to hide all icons on the LCD screen of the camera so you can have a full view of image.

- OFF (Default)
- 1-minute
- 3-minutes
- 5-minutes



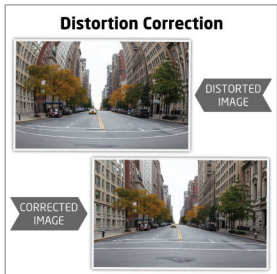
LIVE SPEED

This option allow you to utilize the live speed view on the LCD.

- OFF
- ON (Default)



DISTORTION CORRECTION



Because of the circular wide-angle lens of the dash cameras to capture the details on wide side, some distortion in the image is created. It is widely known as the fish-eye lens effect. This feature allows the camera to digitally correct the distortion of the images by applying the distortion correction algorithm.

- OFF (Default)
- ON










VIDEO ROTATE

This feature will allow you to flip your video 180 degree so you can still have a correct side of image when the camera is mounted upside-down.

- OFF (Default)
- ON

PHOTO SETTINGS

To Enter Photo Setting

1. Press & Hold  button to enter Photo Mode.
2. Press  button ONCE to enter Photo Settings.
3. Press  button to access photo settings.
4. Now use  or  buttons to scroll through > then press  button to enter particular setting > then press  button again to confirm that setting and exit to photo setting's menu.

CAPTURE MODE

Here you can choose take single shot snapshot or set self timer according to your preference.

- Single Shot (Default)
- 2-Second Self Timer
- 5-Second Self Timer
- 10-Second Self Timer

RESOLUTION

Here you can choose your desired photo resolution. Higher the resolution better the pixel resolution for captured image.

- 12M 4032 x 3024 (Default)
- 10M 3648 x 2736
- 8M 3264 x 2448
- 5M 2592 x 1944
- 3M 2048 x 1536
- 2MHD 1920 x 1080
- 1.3M 1280 x 960
- VGA 640 x 480



3F/SECOND BURST MODE

This feature allows you to take burst capture of 3-Frames/Sec with single press of a button.

- OFF (Default)
- ON



IMAGE QUALITY

This feature allows you to set the quality level of an image captured. Higher the image quality more space it will take on the memory card.

- Fine (Default)
- Standard
- Commonly



IMAGE SHARPNESS

This feature allows you to choose the clarity of an image sharpness.

- Strong
- Normal (Default)
- Soft



WHITE BALANCE

This feature allows you to adjust the warmth of a light on an image for various environments.

- Auto (Default)
- Daylight
- Cloudy
- Tungsten
- Fluorescent

**PHOTO EFFECT**

This feature allows you to choose color effect for captured image.

- Color (Default)
- Black & White
- Sepia

**ISO**

This feature allows you to set the camera's sensitivity to light when taking photos. The higher the setting value the greater the sensitivity.

- Auto (Default)
- 100
- 200
- 300

**EXPOSURE**

This feature allows you to adjust the brightness of a captured image.

- 0.0 (Default)
- -2, -1.7, -1.3, -1.0, -0.7, -0.3, 0.0, +0.3, +0.7, +1.0, +1.3, +1.7, +2

**IMAGE STABILIZATION**

This feature allows the image stabilizer function to reduce blurring of a captured image

- OFF
- ON (Default)

NOTE

This feature is for camera's photo feature only and does not apply to videos



QUICK IMAGE PREVIEW

This feature will allow you to review each image immediately after capture for desired setting before taking next image.

- OFF (Default)
- 2-Seconds
- 5-Seconds

PLAYBACK SETTINGS

To Enter Playback Setting

1. Press & Hold button two times to enter Playback Mode.
2. Press button ONCE to enter Play Settings.
3. Press button to access Play settings.
4. Now use or buttons to scroll through > then press button to enter particular setting > then press button again to confirm that setting and exit to Play setting's menu.



DELETE

This menu will allow you to delete current video or Delete All.

- Delete Current (Delete current video file on LCD)
- Delete All (CAUTION: This will Delete Entire Video & Photos from memory card - Except the protected files)

NOTE

To delete a locked or protected video, you need to unlock it first by going to the Playback Settings>Protect.

**PROTECT**

This feature will allow you make desired changes to saved video & photo files on memory card.

- Lock Current
- Unlock Current
- Lock All
- Unlock All

**SLIDE SHOW**

This feature allows you to view slide show of your captured photo images from memory card.

- 2 Seconds
- 5 Seconds
- 8 Seconds

SYSTEM SETTINGS



This feature will allow you to turn WiFi broadcast ON from the camera so you can connect your phone with ROVE R2-4K Dash Cam to access videos, photos and settings.

WiFi Name SSID ▶	ROVE R2-4K-*****
Password ▶	12345678

You can also turn WiFi ON by pressing & holding  button for 2-seconds

To View/Save Video Files to your Phone via WiFi:

1. Download the ROVE App first.
2. Turn ON the camera's Wi-Fi feature.
3. Now open the ROVE app on your smartphone, and click on the "Connect to ROVE Dash Cam Wi-Fi" button.

This will open up your smartphone's WIFI setting now; look for a WiFi network named 'ROVE R2-4K' on the lists.

4. Join the R2-4K network using a default password displayed on your dash camera's screen
5. Once it shows that it is connected, the camera will sync automatically. Please go back to the ROVE App, and you should see the live video feed from the camera on the ROVE APP.
6. When Done: Disconnect the Wi-Fi to return to the Video Mode.

**DATE / TIME**

Here you can choose the date and time of your choice manually, along with clock format and date format menu settings.

**DATE FORMAT**

This feature allows you to select the date format.

- MM/DD/YY (Default)
- DD/MM/YY
- YY/MM/DD

**CLOCK FORMAT**

This feature allows you to choose the clock time format to 12 or 24 hours.

- 12-Hours
- 24-Hours

**TIME ZONE SETTING**

Here you can choose your desired or local time zone setting based on UTC/ GMT value. Please make sure to adjust time zone setting during standard vs. daylight savings time.

- UTC/GMT -8:00 (Default)
- UTC/GMT -12:00 to UTC/GMT +12:00

To find your correct UTC/GMT time zone setting, please visit :

<http://www.greenwichmeantime.com/time-zone/usa/>

(See page 25)

SCREEN SAVER

Live Video Always ON: This will keep the video LCD ON all the time.

Screen Saver ON After 1-Min: This will turn ON the screen saver as shown in the photo below after 1-min if NO button is pressed.

LCD OFF After 1-Min: This will only turn OFF the LCD after 1-min if NO button is pressed (NOTE only the LCD Will turn OFF, the camera still be operational)



BEEP SOUND

This feature allows you to turn ON/OFF camera button's beep sound & any voice confirmation.

- OFF
- ON (Default)

SPEAKER VOLUME

This feature allows you to set the volume level for the buttons beep volume, playback video volume, boot up chime volume through camera's internal built-in speaker.

- OFF
- Low
- Med (Default)
- High

BOOT UP TONE

This feature allows you to choose the camera's boot up chime to be set to ON/OFF.

- OFF
- ON (Default)

LANGUAGE

This setting allows you to choose your language setting for camera's firmware.

 English (Default)	 Simplified Chinese
 French	 Traditional Chinese
 Spanish	 Russian
 Portuguese	 Japanese
 Deutsch	 Thai
 Italian	 Polish





TV MODE

Here you can choose your TV mode based on your country's TV setting.

- NTSC (Default)
- PAL

LICENSE PLATE

This feature will allow you to insert custom vehicle ID or Driver ID to be stamped on video.

- Use  /  button to select desired character.
- To add more characters' press  button to switch to next character.
- When Done press  button to confirm & exit.



FREQUENCY

Here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location.

- 60 Hz (USA – North America)
- 50 Hz (Europe – Most Asian Countries)



GPS INFO

This feature allow you to see your current geographical location in Latitude & Longitude.



STORAGE SPACE

This feature will allow you to check the storage of inserted memory card into the camera.

- Total: (Memory Card Capacity)
- Free: (Free Space in memory card)
- Event: (Occupied space from Locked/Protected Video Files)
- Movie: (Occupied space from normal video files)
- Picture: (Occupied space from photo images)



DELAY SHUT DOWN

This feature allows you to extend the delay time to shut down your camera form the moment the power gets disconnected.

NOTE

We recommended that you do NOT use longer delay shut down, as this will use the internal battery more, hence it will affect the battery's life. We recommend that you use ROVE's 3-Lead hard Wire Kit for better results to utilise the 24-HR Auto Trigger Parking Mode instead.

- OFF
- 5-Second (Default)
- 10, 20, 30, 60-Seconds

 **FORMAT**

This feature will allow you to format inserted memory card, all the data will be deleted.

- Cancel
- Format

 **DEFAULT SETTING**

Here you can restore all the settings to factory default settings.

- Cancel
- OK

 **FIRMWARE VERSION**

Here you can check the current firmware version installed on your camera. You will need this information in the future to check if newer version of firmware is available.

Please visit: www.rovedashcam.com For latest firmware upgrade instructions.

- ROVE-R2-4K-06102017 (First - Original Firmware)

 **LEGAL**

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GITEKI  R 214-117668

FCC ID: 2ALJ7-GS63H

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions.

- 1 This device may not cause harmful interference, and
- 2 This device must accept any interference received, including interference that may cause undesired operation.

RESETTING THE CAMERA

Resetting Hardware & Software are two different things.

1. Reset The Hardware/Camera:

Press the RESET Button at the bottom of the camera once. If the camera is freezing or stuck where no buttons will respond, then please press the RESET button only ONCE at the bottom of the camera with a paper clip or tip of the pen while it is turned ON. This will restart the camera.

2. Setting Firmware/Camera to the default settings:

If you get stuck with any settings and if you would like the camera's all settings to set back to the factory default settings, then simply go to System Settings > and then scroll down until you see the DEFAULT settings then set them to default settings to reset all the settings.

BATTERY INFORMATION

This Product contains Lithium-ion inbuilt battery. With a full charge battery should last upto 2-5 minutes. Internal battery is NOT meant to last long time. The higher the video resolution you choose the more power it will consume, hence it will last short duration, and the lower video resolution you choose the less power it will consume, hence it will last longer. The purpose of in-built battery is to save the last video file safely without any data loss and turn off the camera when power gets disconnected e.g. when you turn off your car. Another purpose is parking mode. When your car vibrates by impact and vibration activates G-sensor setting range then camera will turn on and Start recording on battery for 1-minute, lock video file and then auto turn off automatically.

Following are approximate internal battery lasting time when it is fully charged.

NOTE

The internal battery of the dash cam is only meant to last 2-5 minutes when it is fully charged depending upon the video resolution you choose. It is NOT meant to last long for safety reasons.

Video Resolution	Approximate Time
2160P @24fps	2- 3 Minutes
1440P @30fps	3- 5 Minutes
720P @30fps	7- 8 Minutes

Temperature:

- Standard Operating temperature: -22°F (-30°C) \sim 176°F (80°C)
- Standard Working Humidity: 10 \sim 90%

CAUTION

- If you leave your car for long time we advise that you remove the camera from the car because the temperature inside the car can exceed specified range above depending upon your geographical and weather conditions.
- Do not expose this camera to extreme high heat, direct sunlight, cigarettes, cigars, candles or low temperatures or crush or break.
- Do not use in humid, wet and/or corrosive environment.
- Do not expose battery to extreme temperatures above $176^{\circ}\text{F}/80^{\circ}\text{C}$. Just like any other battery, it could explode or cause fire. It is user's responsibility to operate it correctly.
- Please adhere to your local or state laws for recycle of Li-Ion battery properly.

GPS player Software Installation (PC/MAC)

(Only suitable for the units with GPS function)

To download FREE GPS Player, visit www.rovedashcam.com

Why GPS Player? What are the features?

Check G-Sensor data

Play back your recorded videos

To see the Exact GPS route with the video on google maps

Check driving speed

Check driving direction (i.e. N, S, NW, SE, etc.)



Using the GPS Play

- Please open the customized video player and install it for the first time use.
- ▶ Click to browse on your added drive and select the video file that you prefer to play in the player.

1	Date & Time
Shows Date & Time of video was recorded	
2	Past Viewed Files
These are you previously viewed files. Click on to view them again.	
3	Driving Speed
This is where your driving speed will be displayed.	
4	Playback Controls
<ul style="list-style-type: none">• Reverse• Play• Stop• Fast Forward	
5	GPS Coordinates
These are you coordinates longitude and latitude recorded by GPS Geo Tagging Device.	
6	Playback Time
This is where your video play back time is shown.	
7	Volume Control
Slide Right or Left to Increase or Decrease Volume	
8	G-Sensor Indicator
This is where you can measure camera movement that is caused and recorded by G-sensor force. I.e. when vehicle hits pot-hole or bump you can see it here.	
9	Vehicle Speed
Speed of vehicle recorded at specific point of time.	
10	Map Location
Maps showing vehicle's driving route recorded by GPS Geo Tagging Device based on coordinates.	
11	Vechile Direction
Direction at vehicle was driving at specific point of time.	

ONE YEAR LIMITED WARRANTY

We at ROVE™ would like to provide One (1) full year of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

IMPORTANT: Please save your warranty/serial number card as an evidence. Proof of original purchase is required for any warranty service. (Online order receipt is also accepted)

Warranty Terms Conditions

1. The warranty is confined to the first purchaser of the product and is not transferable.
2. Service / Repairs during warranty period shall be carried out by company authorized personal only.
3. It is the responsibility of the purchaser to bring the product to the authorized service center at purchaser's cost and risk.
4. The company will not be liable for any hardware and / or data loss arising from the use of any third party software whether downloaded or otherwise.
5. In the event of repairs and / or replacement of any part(s) of the product this warranty will remain in force only for the unexpired period of the warranty.
6. In case of any physical damage to the product and / or misuse detected by the Authorized service center personal, the warranty be void and service / repairs will be done on chargeable basis only and subject to availability of parts.
7. The company's obligation under this warranty shall be limited to repair or providing replacement of part(s) only. The maximum claim(s) if entertained by the company will be subject to the maximum retail price of the product purchased or the purchase price, whichever is lower and on production of original proof of purchase.

During the warranty period in the event of any unforeseen circumstances where spares not available a commercial solution in

lieu of repairs will be calculated based on company's prevailing depreciation rules and the same will be binding on the purchaser.

The replacement unit will be either new or refurbished based on the availability. We reserve the right to even upgrade you to the newest version be it similar or not if we have discontinued the current model.

LIMITATIONS / DISCLAIMER OF WARRANTY / LIABILITY

1. Company shall not be liable/responsible directly or indirectly for any claim for compensations, damages, any losses etc. Under this "Limited Warranty" due to inconvenience, loss of time, loss of profits, loss of business opportunity, loss of data, loss of goodwill, work stoppage, any personal and / or commercial loss, compensation for mental agony, anxiety etc. Resulting from the use of the product(s) or any direct or indirect loss of any nature whatsoever (incl. any personal injury or death).
2. Except for the warranties set forth herein, company disclaims all other warranties, expressed or implied or statutory, including but not limited to the implied warranties of merchantability or fitness for a particular purpose.
3. The maximum liability of company under any circumstances shall be limited to an amount equal to the invoice amount paid by the purchaser to company or a company authorized reseller for the Product(s).
4. Company shall not be liable directly or indirectly for any claim for compensation if the Product has been exposed to moisture and / or dampness and / or extreme thermal and / or extreme environmental conditions or to rapid changes in such conditions, to corrosion, to oxidation, to spillage of food or liquid or to influence from external chemical products.
5. **ROVE™** (hereinafter referred to as "the company") guarantees to the purchaser that this product carries a warranty for the period mentioned above, commencing from the date of purchase.

SAFETY & LEGAL ASPECTS:

All rights are reserved. Duplication, transfer, distribution of the contents herein in any manner without the prior written permission of ROVE™ is prohibited. ROVE™ reserves the right to add, modify or delete, any of the contents herein or withdraw this documents at any time without prior notice and without assigning any reasons thereof. For detailed terms and conditions refer www.rovedashcam.com

- Please check your local or state laws before using in car recording device. It is user's responsibility to comply with all local and state laws.
- ROVE™ R2-4K Dash Cam must be placed at proper location so it does not obstruct your view while driving.
- Do not use or manipulate any functions or any accessories of ROVE Dash Cam while driving. Distraction is a leading cause of accidents.

FCC ID: 2ALJ7-GS63H

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- 2 This device must accept any interference received, including interference that may cause undesired operation.



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AGREEMENTS

By purchasing ROVE Dash Cam, you hereby agree with all the terms and conditions of warranty, warnings and precautions. If for any reason you do not agree with these terms, you may return the product in its original packaging unused within its return window for a full refund.

TROUBLESHOOTING YOUR ROVE™ R2-4K**Camera does not turn ON**

- 1 Use the different Included USB Cable & your smart phone's USB charger. Now plug it into your home's 110V wall outlet.
- 2 When you plug it in, the camera should turn ON. If NOT, then press the Power Button Once to see if it turns ON? If it still does NOT turn ON, then remove the memory card.
- 3 Keep the camera plugged in. Now Press the RESET button (Located at the bottom) ONCE with a pen's tip or a paper clip. Now the camera should turn ON. If it still doesn't turn ON, then please CONTACT US.

Error/Message "Card Full"

Format card by going into system settings > format > OK > Select Format > OK. Then Go to Video Mode settings > Loop Recording > Choose either 1-min, 3-min, 5-min, 10-min. This will allow loop cycle function to be turn ON and it will keep recording over and over.

NOTE Formatting will delete all the data from the memory card.

Camera Freezing/Lagging or Crashing.

Guys Please TRUST US on this. If your camera is freezing, lagging or does NOT record video after some seconds etc. while operating: Then it is the Memory Card Issue. Either you are using the WRONG, FAKE or BAD Memory Card. (Please be aware of the Fake Ones out there. If you have purchased your memory card from eBay or any third party seller online then it is most likely a fake one, even though it looks exactly real. Please trust us. We have sold thousands of ROVE Dash Camera's and they do NOT lag, we stand by our product and we do extensive testing. Some customers simply thinks the camera is bad or not stable, but that is NOT the case here. It's the Memory Card Issue. Please CONTACT US and we are dedicated in resolving this for you ASAP.

Video is fuzzy

Please make sure the lens of the camera is clean and there is no dirt or grease on the windshield also. If the lens is out of focus, we are extremely sorry in advance. This can be a manufacturing defect. Please send us an email with a screenshot or a sample video so we can get this resolved for you ASAP.

Camera gets HOT

It is normal for your camera to run slightly hot. Please see temperature guidelines on page 57 .

Camera turns ON / OFF frequently automatically.

Please reset your camera. Try updating the firmware again to see if this fixes the issue. If still having issue, please reach out to customer care.

My oldest video files are missing

Your ROVE Dash Cam has Loop Cycle Recording. When it is set to either 1, 3, 5 or 10-mins, it will delete oldest files and record newer files over and over when the memory card is full.

To test again: Set the date and time correctly, then FORMAT the memory card, then do the continuous recording test again and check if all videos are present.

Camera Locks many videos automatically.

Please change your G-Sensor Setting to higher setting. This setting depends on type of car or truck you are driving and how much vibration your car/truck is creating based on suspensions and road condition.

Micro SD Card is crooked or not going in slot easy

Please make sure you align micro-SD card correctly with gold contacts facing towards the Lens. (See Page 23)

My Video playback on PC is lagging.

You are viewing high-bit rate version of video files. Slower PC may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still persists.

Camera showing "Memory Error" or "Please Insert Micro SD Card" even though memory card is already installed into the camera.

- 1 Please make sure memory card is at least Class 10, U3 and purchased from trusted vendor such as Walmart, target, best buy, Ship & Sold by Amazon" etc. (there are many fake cards out there Online, remember if it's cheap, its fake.)
- 2 Now go to camera's system settings and FORMAT your memory card. (make sure to backup your videos first before formatting the memory card.) After formatting memory card, please press and hold power button to turn the camera off. Now unplug power cable, and re-plug the power cable, camera should now turn ON automatically and start recording.
- 3 If you still getting the same error, then let's switch the camera mode to PHOTO mode by pressing and holding the MENU button. Once in the PHOTO MODE, press OK button to take the photo.
-> If you hear the shutter sound > then your camera is fine. Replace your memory card.
-> If you still get the same memory card error message, then your camera's memory card assembly has become defective. Please contact us.

My date and time is not staying the same even after I set date and time.

First, make sure to charge your camera for at least for 6 hours to have internal batteries charged fully. Please go to camera's system settings > Time Zone Setting > Set your correct GMT value > OK to confirm. Thats it. Now wait until you get GPS signal LOCK and then every-time you have GPS signal, you will always have correct date and time.

Please visit "<https://greenwichmeantime.com/time-zone/usa/>" to find your correct GMT time zone based on your location. *(See details on Page. 25)*

Still Need Help or Have Questions?

Please feel free to contact our personalized support at help@rovedashcam.com. Most e-mails are typically replied within 4-6 hours. However, all questions are answered within 24 Hours. No Exceptions !! For customer service PHONE SUPPORT number please visit <https://www.rovedashcam.com>

A BIG THANK YOU!!



Thank you for purchasing your new **ROVE™ R2-4K** Dash Cam. We hope you find your new dash cam useful and fun to use.

If you are having difficulties setting it up, please email us at help@rovedashcam.com. 99% of all setup problems can easily be resolved and should be able to get you up and running in no time.

In the unlikely event that we can't help, we're always happy to provide full, hassle-free refund. We just want our customer to be happy and proud to use **ROVE™** Dash Cam!

There is no perfect product, however we will always do our best to provide perfect customer service to you.

A Great care was taken while creating this user manual. It is possible that there are minor typos are there. If you find any mistakes or suggestions, please do let us know so we can correct it. Please visit our website for latest and updated user manual if available. We also frequently update other great contents that is very useful to our customers.

Camera upgrades, firmware, box contents can be changed without notice. Always see up to date information by visiting our website.



GOT QUESTIONS?



CUSTOMER SERVICE:



For faster response text us
1 (401) 484-ROVE(7683)



Response in just 6 hours
help@rovedashcam.com



Scan to Text US:
1-401-484-7683

HOURS

Mon - Fri 9am-5pm PST

Scan the QR Code to
CONTACT US



R 214-117668



Scan to Email US:
help@rovedashcam.com

FCC ID: 2ALJ7-GS63H

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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