

# ROVE™ R2-4K

TRUTH BE TOLD



MODEL: R2-4K



## USER MANUAL

[www.rovedashcam.com](http://www.rovedashcam.com)

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## 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



Response in just 6 hours

[help@rovedashcam.com](mailto:help@rovedashcam.com)



For faster response text us

**1 (401) 484-ROVE(7683)**

**Hours: Mon - Fri 9am-5pm PST**

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](http://www.rovedashcam.com)

# HOW TO VIDEOS

Visit our website

[www.rovedashcam.com/pages/videos](http://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 2880X2160 @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, 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
-  NOVATEK NT-96660 Chipset + SONY IMX335 Sensor
-  4K Ultra-HD 2880x2160P @24fps
-  Built-In WiFi
-  Built-In GPS for Geo Tagging
-  150° Ultra-wide A+ Viewing Angle
-  Loop Cycle Recording
-  Split Record Mode
-  G-Sensor
-  Motion Detection
-  Parking Mode
-  Time Lapse Video
-  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)
-  Auto Power OFF
-  Built-In Speaker & Microphone
-  Time, Date, Driver ID, Driving Speed, GPS stamp support
-  Internal Rechargeable Battery 250 mAh
-  Live Speed
-  LCD ON/OFF Setting
-  Screensaver

## 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.
- This camera is intended to use inside motor vehicle. 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 compromising 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).
  - The camera is designed to be used for normal daily commute recording. It is not made to continuously record 24/7 365 days.
- *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 25)

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 26 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/xwD8Ilk-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 go to Settings Menu > USB Storage > Select Connect as a Flash Drive.

We recommend VLC Media Player to view your videos. You can get it free at [www.videolan.org](http://www.videolan.org)

Note: Do NOT use Windows Media Player. It is NOT made to play 4K videos.

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 27)*

## CAMERA SPECIFICATIONS

<b>Chipset / Sensor</b>	NOVATEK 96660 / SONY IMX335
<b>LCD Screen</b>	2.4 Inch
<b>Lens</b>	150° A+ Ultra HD Wide Angle
<b>Video Resolution</b>	2880x2160P @24fps (4K) 2560x1440P @30fps 2304x1296P @30fps 1920x1080P @60fps (FULL HD) 1920x1080P @30fps 1280x720P @120fps (Can Play: SLOW-MOTION VIDEO) 1280x720P @60fps 1280x720P @30fps
<b>Photo Resolution</b>	VGA, 1.3M, 2MHD, 3M, 5M, 8M, 10M, 12M
<b>Light Sensor</b>	5.0 MP
<b>Lens Aperture</b>	F 1.8
<b>GPS</b>	Built-in GPS Geo-Tagging Support
<b>WiFi</b>	Built-in
<b>Photo / Video Format</b>	JPEG / MP4
<b>AV Interface / TV Mode</b>	AV Out, HDMI Out / NTSC- PAL
<b>Memory Card</b>	TF Card Class 10, U3 Speed, Max Support 512 GB
<b>G- Sensor</b>	Built-in 3-Axis Impact Accelerometer Gravitational Sensor to lock & protect current video.
<b>Multi Language Support</b>	English, French, Spanish, Portuguese, Deutsch, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Thai, Polish
<b>Anti Flicker</b>	60 Hz, 50 Hz
<b>Color</b>	Color / B&W / Sepia

<b>Loop Recording</b>	Support – seamless recording
<b>Motion Detection</b>	Support
<b>Parking Mode</b>	Support
<b>Year/Month/Day/Hour/ Minute/Second</b>	Support
<b>Mic / Speaker</b>	Built-in Micro Phone & Speaker
<b>Mini USB Function</b>	1. Storage, 2. Charging
<b>Auto Power ON/OFF</b>	Support
<b>Power Interface</b>	5V, 1.5A
<b>Battery</b>	Built-in Li-ion battery 250mAh
<b>Temperature Guideline</b>	Operating Temperature -22°F (-30°C) ~ 176°F (80°C to 140°F), Working Humidity: 10 – 90%

### Package Contents:

- ROVE™ R2-4K Dash Cam
- ROVE Fast Dual USB Charger
- 12 FT USB Power Cable
- 2.5 FT USB Data Cable PC/MAC
- 360°Windshield Suction Mount
- 360° Spare 3M Sticky Mount
- Car Wiring Tool
- 5 x Cable Clips
- User Manual
- Registration Card
- 1-Year Limited Warranty

PACKAGE CONTENTS



ROVE R2-4K



360° Suction Mount



360° 3M Sticky Mount



12FT USB Charging Cable



2.5FT USB Data Cable



Wire Trim Tool



5X Cable Hiding Clip



ROVE Dual USB Car Charger



Thank you Card



User Manual

PLEASE NOTE: Memory Card is NOT Included. We Recommend SAMSUNG Class 10,U3 Speed Micro-SD Card, Max 512GB

**UNIT STRUCTURE APPEARANCE & BUTTONS:**



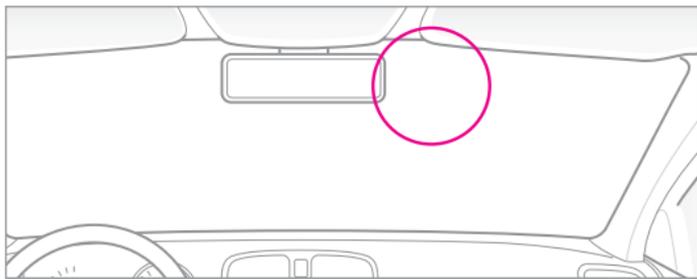
## SHORTCUTS &amp; UNDERSTANDING BUTTONS

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
		LONG PRESS for 2-Seconds - to Turn ON/OFF Motion Detection
	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/OFF 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
		LONG PRESS for 2-Seconds - to Turn ON/OFF Parking 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:** It is recommended to install ROVE R2-4K at the near of rear view mirror of driver opposite side. Clean any foreign matter and moisture from the place where the product will be installed.



- 2** Stop the engine where there is some light and in a safe place, and then remove the key.
- 3** Attach the ROVE R2-4K to the windshield glass with using the suction mount. Set the camera lens to point directly forwards to the center when installing it.

**NOTE**

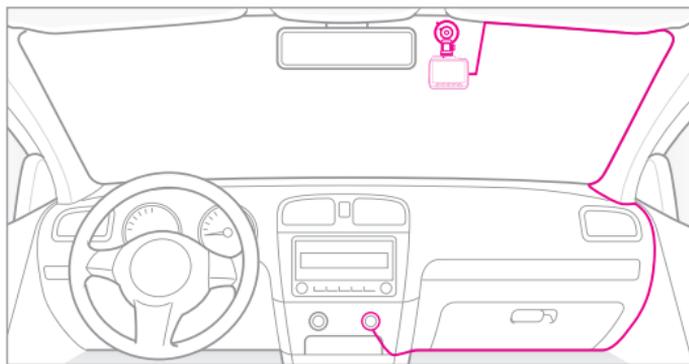
- Make sure that the camera's view is not obstructed by any window tint or any other objects.
- If your vehicle has side curtain airbags please be very careful when running any cables along your vehicle windows. Ensure you are not running cable spast any of the airbags as this can prevent the airbags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

- 4 To Lock The Suction Mount: Press & hold it tight 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.



*Press the suction mount against windshield and while pressing, turn the LOCKING Knob towards LOCK position to lock the mount in place.*

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



- 6 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.



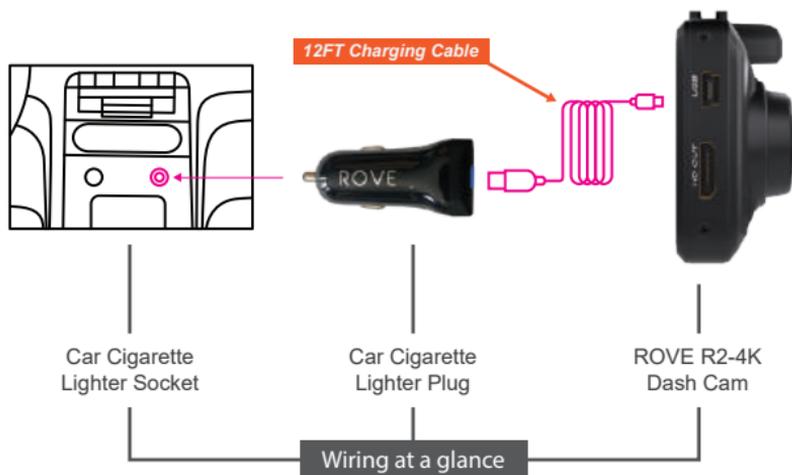
- 7 Start the engine and check if the product works properly.

**⚠ CAUTION:**

- ▶ Make sure to remove the Plastic Lens Screen Protector before recording videos. Otherwise your videos will look blurry and out of focus.
- ▶ Do not remove the Micro-SD card while it is saving or reading data.
- ▶ The data may be damaged or malfunction may caused.

**NOTE**

After a test drive, check if video was correctly recorded.



## Charging

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

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.

**NOTE:** 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.

To Remedy this situation, you can do one of the two option.

- 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.
- Hard Wire the dash cam to car's fuse box with a connector that only provides power when your car's key is turn to ACC or ON position.

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
	09/02/2018 16:20:33 Current Date & Current Time

ICONS	WHAT DOES IT MEAN?
	Parking Mode ON
	Parking Mode OFF
	Motion Detection ON
	Motion Detection OFF
	Microphone ON
	Microphone OFF
	GPS - looking for signal
	GPS - Now has Signal
	42 MPH live Speed
	Time Lapse Video
	WDR 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

## VIDEO SETTINGS



## SYSTEM SETTINGS



## 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 SAMSUNG Class 10, U3 Speed Micro-SD Card. You can purchase it from Amazon here:  
<https://a.co/2tXJzIL>



### 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 fack 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 **▼** button to scroll down until you see **FORMAT** >> Then press the **OK** button to enter **format** submenu. >> then press **▼** 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.



- 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.

#### USA Time Zones - GMT (Greenwich Mean Time) Values

Time Zones	When DayLight Savings Ends Nov - March	When DayLight Savings 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 WI-FI 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**

1

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



2

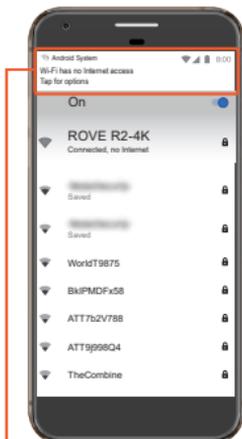
Turn the WiFi ON from the R2-4K's Settings

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

- 1 TURN ON WiFi FROM THE CAMERA:** Long press EMERGENCY LOCK BUTTON for 2-seconds to turn the WiFi Mode On from the camera.
- 2 CONNECT WiFi:** Now Simply join the ROVE R2-4K WiFi by going into your iPhone or Android phone's Settings > WiFi > ROVE R2-4K WiFi. Then Enter the default password: **12345678**. Then JOIN the network.
- 3 NOW OPEN THE ROVE APP:** Once your camera is connected to ROVE WiFi successfully and when you open the ROVE App, the camera will sync automatically. You should see the live video feed from the camera on the ROVE APP. Then keep exploring the APP from here on.

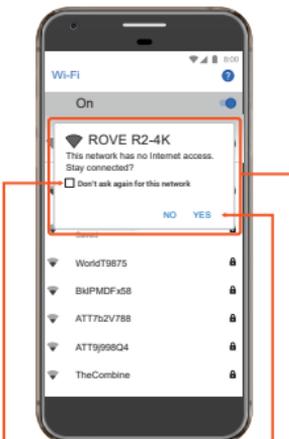
### For Android phones:

There is one extra step you will have to take. Once you connect to ROVE R2-4K WiFi, it will say "No Internet". Which is fine. 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.



Touch here as soon as you see this notification

Once you enter the default password for ROVE WiFi and hit connect, you will see this pop-up in few seconds.



Once you tap that notification from the LEFT you will get this screen.

- Check this box, so your phone remembers this setting for next time.
- Then touch YES to stay connected to this WiFi and save this preference.

## 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/OFF WiFi.  
LONG PRESS  button for 2-Seconds to turn ON/OFF Motion Detection
- LONG PRESS  button for 2-Seconds to turn ON/OFF Parking Mode

## 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 **WiFi** to turn ON/OFF WiFi

## 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 **WiFi** to turn ON/OFF WiFi.

## Playback Your Recorded Videos

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

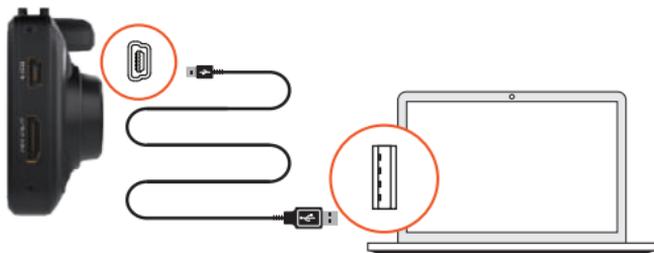


Use the on-screen navigation button and use the **▲** / **▼** button to scroll your videos.

Press **OK** to play video

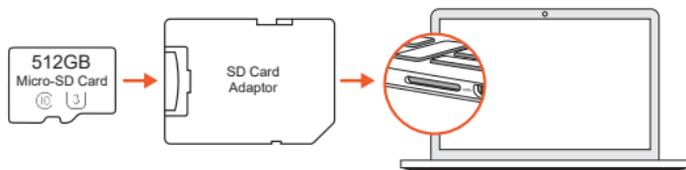
## B. On PC/MAC

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.

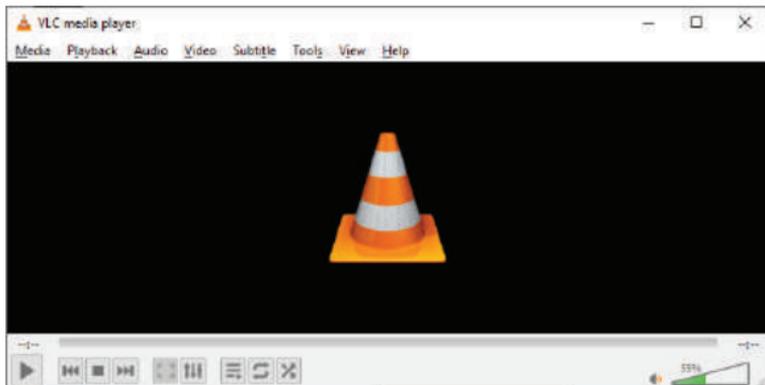


Then find the added memory card drive on your computer and then simply double click on the video to play them.



## Correct Video Player To Play 4K VIDEOS:

We recommend VLC Media player. You can get it free at [www.videolan.org](http://www.videolan.org).



You can also use our GPS Player from our website for free to view the google maps from [www.rovedashcam.com](http://www.rovedashcam.com)



**C. On Smart Phone**

To play on Smart Phone, simply turn on WiFi first from the camera, then connect the ROVE R1-4K 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 27 for details)*

## 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

ROVE R2-4K dashcam offers multiple video resolutions.

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

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

### 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.



#### 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.

You have three options to choose from:

- 1 frame/second (Normal)
- 2 frame/second (Smooth)
- 4 frame/second (Smoother)

#### NOTE

Time-Lapse is OFF by default. It also programmed to set to OFF when the camera restarts every time



### MOTION DETECTION:

This setting can be used for various purposes such as remote Video surveillance, during parking etc.

When this feature is turned ON: The built in camera Will record ONLY when there is motion detected in front Of camera's field Of view by using its advanced motion detection algorithm.

Camera will START recording when there is motion detected and STOP recording when there is no more motion in front Of the camera.

### CAUTION:

We do NOT recommend this setting to be turned ON while driving or for your daily commute, because it could have missed video seconds due to continuous driving will not have comparison algorithm for motion detection feature to work accurately. This feature works best when camera is still and nothing is moving in front of the camera. This feature is designed to work only when you are parked and NOT driving.

Hard-wire kit is required for this feature and need to be purchased separately.

- OFF (Default)
- ON

**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

**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



### 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)



### 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.

### 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.

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

**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)

**STAMPS:**

This option allows you to turn ON All the stamps on the bottom of the video. If this option is OFF, then there will be NO stamps on the video what so ever.

- OFF
- ON (Default)

**SPEED STAMP:**

This option allows you to turn ON/OFF the speed stamp on the bottom of the video.

- OFF
- ON (Default)

**GPS STAMP:**

This option allows you to turn ON/OFF the GPS stamp on the bottom of the video.

- OFF
- ON (Default)

**LIVE SPEED:**

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

- OFF
- ON (Default)

## 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 4032x3024 (Default)
- 10M 3648x2736
- 8M 3264x2448
- 5M 2592x1944
- 3M 2048x1536
- 2MHD 1920x1080
- 1.3M 1280x960
- VGA 640x480

**3F/SECOND BURST MODE:**

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

- OFF
- ON (Default)

**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
- 400



### 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)



### 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)

**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:



### WiFi:

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/OFF by pressing & holding  button for 2-seconds

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

**(Download ROVE App first)**

1. Turn ON this WiFi feature.
2. Go to your phone's WiFi Esttings & Select "ROVE R2-4K Dash Cam WiFi" & enter password as above.
3. Now Open "ROVE" app to access your camera settings, view videos/photos or even download them on your phone directly.
4. When Done: To disconnect WiFi, press and hold  button for 2-seconds to return to the video mode.

ROVE R2-4K Dash Cam WiFi (Security PWA2)



### DATE / TIME:

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

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

**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/>

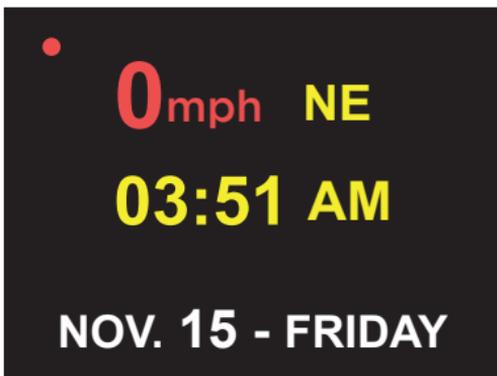
(See page 26)

**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)



SCREEN SAVER:

### BEEP SOUND:

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

- OFF
- ON (Default)

### LANGUAGE:

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

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



### 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](http://www.rovedashcam.com) For latest firmware upgrade instructions.

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

**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.

**MOST IMPORTANT:****UNDERSTANDING PARKING MODE**

Parking mode works as follows. Let's say you went shopping and parked your car in the parking lot. Then someone hits your car while backing up their car, then the impact caused by hitting your car makes your camera vibrate, which then activates the built-in G-sensor and then parking mode, which then turns ON your camera automatically and starts recording for 1-min, then it locks and saves that video file so it does NOT get deleted by the loop cycle function, then the camera turns OFF automatically. Now when you come back from shopping and see that your car has been hit, you should check the saved videos on your camera to see if parking mode got activated. Please note that you should keep parking mode feature turned OFF while exploring the other features of the camera in your hand, otherwise every time it detects movement, it will turn the camera ON for 1-min and then turn OFF (Which some customers think that camera is random turns ON/OFF and is defective). So only turn ON this feature after you install the camera on your car's windshield unless you like to test this feature as described below.

**How To Test This**

To test this feature, turn ON parking mode & set it to LOW / Medium Impact Detection. Now turn OFF the camera by pressing and holding the power button for 2 seconds. Then Shake the camera in your hands, this will turn ON camera for 1-min and then turns OFF after 1-min.

## UNDERSTANDING MOTION DETECTION

Motion detection feature is made for people who want to create surveillance around their car when the car is NOT driving, during the night or when they are not in their car so the camera can record every time if there is a motion in front of the camera.

### FYI

99% of our customers do NOT use this feature. This is an add ON feature and most customers will simply leave this feature turned OFF.

### Caution

Motion detection is NOT meant to be turned ON when you are driving or when the car or the camera is moving. Otherwise, you will have missing video seconds. Please note that when you are on the road and driving, you would want the continuous video recording so you can have all the video proof you need without even missing a single second.

### How does Motion Detection work in Dash Cams?

- Well, it does NOT work like the native Infrared LED motion sensing light or other devices would work. (i.e. Home's Driveway Lights)
- Motion Detection in DASH CAMs will work based on the Light Capture Algorithm Change in the camera via back end processing. So basically, the camera will stay ON all the time in the stand by mode detecting if there is any motion (light capture change) in front of the camera?
- Now as soon as someone at close range proximity to the camera starts to move, which makes the light captured by the

camera to change (hence, the camera notices that something in front of it is moving) which will trigger the camera to START recording automatically.

Now, the camera will continue to record until there is NO more motion in front of the camera. Then it will STOP recording and stay in stand by mode (idle mode) until the next motion detection event occurs and triggers the camera.

### What will You need if you prefer to use this feature?

**ANSWER:** Hard-Wiring your dash cam to car's fuse box to always hot/continuous power supply.

**NOTE:** In order to use the motion detection, the camera must stay in stand by mode, and for the camera to be in stand by mode, it requires a continuous power supply.

Therefore, you will need to HARD WIRE your dash cam to your car's battery via car's fuse box to always HOT socket which provides continuous power even when car's key is turned OFF/LOCK position.

### What should you know before using this feature?

The camera will NOT turn ON/OFF automatically if you Hard-Wire your dash cam to always hot/continuous power supply. You will have to manually turn ON/OFF your camera.

**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.**

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) ~ 176°F (80°C)
- Standard Working Humidity: 10 ~ 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°F/80°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 INSTALLATION

(Only suitable for the units with GPS function)

To download FREE GPS Player, visit [www.rovedashcam.com](http://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 GPS Player

- 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.

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

**ROVÉ** (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](http://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.

### 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. User different Included USB Cable & your smart phone's charger. Now plug it into your home's 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 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 Yes > OK. Then Go to Video Mode settings > Loop Recording > Choose either 1-min, 3-min, 5-min. This will allow loop cycle function to be turn ON and it will keep recording over and over.

**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 camera is clean and there is no dirt on 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 56 .

**Camera turns ON / OFF frequently automatically.**

Please reset your camera. Please make sure that "Motion Detection" is set to OFF. Also Please make sure "Parking Mode" is also set to OFF.

**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.

**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 microSD card correctly with gold contacts facing towards the Lens. (See Page 24)

**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.

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

Please go to camera's system settings > Time Zone Setting > Set your correct GMT value > OK to confirm. That's it. Now 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.

### Still Need Help or Have Questions?

Please feel free to contact our world class support at [help@rovedashcam.com](mailto: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](mailto: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. 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.

# ROVE™ R2-4K



## GOT QUESTIONS ?



### CUSTOMER SERVICE:



Response in just 6 hours  
[help@rovedashcam.com](mailto:help@rovedashcam.com)



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



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

### HOURS

Mon - Fri 9am-5pm PST

Scan the QR Code to  
CONTACT US



Scan to Email US:  
[help@rovedashcam.com](mailto:help@rovedashcam.com)