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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

Here you can set your preferred video resolution. Higher the video resolution, improved the video quality and larger the file sizes, hence it takes more storage space.

In this menu, you can also select the combination of Resolution you want to use for your front and rear camera.

Front Camera Video Resolutions:

- **4K** 3840x2160P @30fps
- **2.7K** 2592x1520P @30fps
- **2K** 2560x1440P @60fps (HDR not supported)
- **2K** 2560x1440P @30fps
- **FHD** 1920x1080P @60fps (HDR not supported)
- **FHD** 1920x1080P @30fps

Rear Camera Video Resolutions:

- **2K** 2560x1440P@30fps
- **FHD** 1920x1080P@60fps (HDR not supported)
- **FHD** 1920x1080P@30fps

LOOP RECORDING

This feature allows the 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 file to an appropriate length based on your selection.

- OFF- 4GB MAX
- 1-MIN (Default), 3-MIN, 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 a "Card Full" message. It will NOT record any further until you either delete files to make room or format the memory card.

IMPORTANT:

The logic for the loop recording feature is designed as follows:

Let's say the total capacity of the memory card is 100%. When the normal + event videos reach > 90%, the dash cam will start the loop recording.

The pre-allocation of directory space for normal and event videos is as follows:

Normal Videos = 60%, Event Videos = 30%

If the number of event files is less than 30%, then the normal video files can occupy the unused space of the event allocation until it reaches 90%, and then the loop recording begins.

When more event (Locked) video files are present, the space of the event directory is reserved for a maximum of 30%.

If the event video files reach their max allocation of 30%, then the camera will also delete your oldest locked video to add that new latest event video.

Therefore it is important to understand that you can't lock unlimited videos to your memory card. If you lock any videos files that are important, please note that even lock videos will be deleted similarly to the loop cycle function with the oldest file first so if an event occurs and if your locked video allocation is exhausted, to ensure proper room for a new locked event video in case of a real event. We recommend that you download any locked video ASAP to prevent it from being deleted.



VIDEO RECORDING 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 the video file will be locked so it will NOT be deleted by the normal loop cycle function.



CAUTION:

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



HDR

In this menu, you can choose to enable High Dynamic Range (HDR) for Front and Rear Cam. HDR enhances exposure by merging overexposed and underexposed images into a single, robust representation with a broader range of lighting and increased image depth. This feature is available for both your Front and Rear Cameras.

FRONT CAM	REAR CAM
ON (Default)	ON (Default)
OFF	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 RECORD

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



NOTE

Enabling this feature will keep it activated at all times, even after the camera restarts, resulting in time-lapse speed (faster playing) for your videos. If you prefer regular speed playback, please ensure to turn this feature OFF before powering off your camera.

GPS Coordinates will be disabled for Time Lapse Video when viewing the route taken on GPS Player's Map if Time Lapse recording is enabled.

**VIDEO COMPRESSION**

H.265 HEVC = High-Efficiency Video Coding - This advanced compression algorithm improves video quality with a smaller file size compared to H.264.

- H.264
- H.265 (Default)

**WARNING:**

H.265 playback can be laggy and might NOT play smoothly if your PC/MAC or other devices are NOT compatible with H.265. So if you don't have advanced new devices, then keep this setting at H.264.

**VIDEO BIT RATE**

Video bitrate represents how much data is used to record each second of video.

Higher bitrates mean better video quality but larger file sizes. This requires specific high-speed memory cards and longer download times when using the ROVE APP due to the large file size.

Lower bitrates save space but may reduce video quality. It's important to find a balance that suits your needs.

- Low
- Standard (Default)
- Max

24-HR AUTO PARKING MODE

ROVE has custom-designed its parking monitor for the best user experience and automation. Please see the details below.

Triggers automatically when you turn
OFF your car. (Hardwiring Kit Required)

NOTE: 3-Lead Hardwiring Kit is Required to Use
This Feature. Purchase separately from,
"www.rovedashcam.com"

OFF

Time-Lapse 1fps & G-Sensor

Motion Detection & G-Sensor

CAUTION:

Never connect the dash cam directly to your car's 12/24V battery by modifying wires. The dash cam is not designed to handle direct current from the battery. It needs a step-down circuit in the middle (Hardwire Kit) to adjust the current required by the dash cam. You must connect the dash cam using the ROVE Ultimate USB Type-C Hardwire Kit and connect it to the car's fuse box (NOT to battery terminals directly).

NOTE:

The camera has a built-in temperature sensor. During sunny afternoons and direct sunlight with a locked car, the temperature inside the car turns into a greenhouse effect, and depending on your geographical location the temperature can exceed the recommended guidelines for this product. When this happens, the camera will automatically shut down to prevent damage to the unit to ensure longer product life.

ROVE R2-4K DUAL PRO & PARKING MODE HOW DOES IT WORK?



ANSWER ROVE R2-4K DUAL PRO has a built-in Parking Mode Feature, allowing you to record in the following two ways after parking your vehicle.

Before we go into details, please **NOTE** that the **ROVE Ultimate USB Type-C Hardwire Kit** is required for the parking mode to work.



WHY DO I NEED TO PURCHASE AN ADDITIONAL HARDWIRE KIT?



ANSWER

- 1** To utilize a 24-HR parking monitor, you need to provide power to your dash cam while away from your car. Hardwiring your dash cam to your car's fuse box is necessary to give power to the dash cam. ROVE Ultimate USB Type-C Hardwire Kit is NOT Included in the packaging. Purchase separately.
- 2** We understand that not all users prefer the hardwire kit for their specific installation needs. By not including it in the default packaging, it allows us to keep the cost down and minimize electronic waste mitigating the environmental impact associated with unnecessary accessories.
- 3** The hardwire kit also monitors battery voltage, and it is designed to cut off power to the dash cam when it detects low voltage to preserve enough power in the car's battery for you to start your car next time.

HOW DOES THE "TIME-LAPSE + G-SENSOR" PARKING MODE WORK?



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

- [1]** When this feature is set to ON and ROVE Ultimate USB Type-C 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 the impact reaches the set G-Sensor level, then the camera will stop the timelapse video > then it will start to record a 1-min continuous video, save & lock that video in the EVENT folder > then return to recording the timelapse 1fps.

NOTE

(When the Parking Mode got activated, the camera will give you a 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.

HOW DOES THE "COLLISION DETECTION ONLY" PARKING MODE WORK?



ANSWER When you turn OFF your car's engine, and if the Hardwire Kit is installed properly > then the dash cam will -



- 1** STOP the Continuous Recording from the normal video mode.
- 2** Then the R2-4K DUAL PRO will turn OFF. However, it actively senses any impact while the car is turned OFF.
- 3** Now, if someone hits your car & if the impact reaches the set "Parking Mode G-Sensor" level, then >> the dash cam will turn ON and START RECORDING 1-min video. Then it will LOCK & SAVE that video in the events folder and turn OFF.
- 4** Then the dash cam will be actively sensing any impact until someone hits your car again (which we hope you won't get hit twice in one day - LOL) or until you start your car's engine.
- 5** When you start your car's engine for the next time, the dash cam will give you an alert stating that the "Parking Mode Got Activated While You Were Away" (You will hear an audible alert & also an on-screen pop-up).



- 6 You will need to tap the OK button on the screen to acknowledge that pop-up. Then you can check and see what happened by going through the last event video.
- 7 However, let's say No One hits your car, and if the "Parking Mode G-Sensor" didn't get activated, you will NOT get any parking mode alert. >> In this case, when you start your car's engine for the next time, the dash cam will switch to the normal continuous recording mode, and it will say "recording started" and the Parking + Timelapse icons will disappear. This means that now your dash cam is in normal continuous recording mode, which is what you want.
- 8 If you need to watch the activated parking mode videos, you will find them under the Events folder.

NOTE

- The parking mode time-lapse videos will NOT be saved under the events folder. You can find them under normal video folders.
- While in parking mode, the GPS and WiFi are designed to turn off automatically to save power while in the parking mode.

HOW DOES THE "MOTION DETECTION & G-SENSOR" PARKING MODE WORK?



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

- [1]** When this feature is set to ON and ROVE Ultimate USB Type-C 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 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 EVENT folder > then return back to the motion detection mode.

NOTE

When the Parking Mode got activated, the camera will give you a 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.

WHAT LEVEL SHOULD I SET MY "PARKING MODE G-SENSOR" SETTING AT?



ANSWER This depends on your various factors and your personal preference. We will discuss a few most common scenarios to educate yourself.



For the Parking Mode G-Sensor setting, you can select between 1 to 9 different Gravitational Sensor (G-Sensor) levels.

Where 1 = Lowest (Smallest) Impact Detection and 9 = Higher (Larger) Impact Detection.

- ▶ 1 = Triggers at Lower Impact
- ▶ 2
- ▶ 3
- ▶ 4
- ▶ 5 = Triggers at Medium Impact
- ▶ 6
- ▶ 7
- ▶ 8
- ▶ 9 = Triggers at Higher Impact

- 1 If you set your parking mode G-Sensor at 1, the dash cam will be extremely sensitive. Even the lowest vibration, such as hard tapping the LCD or Closing the Car's Door, will activate the R2-4K DUAL PRO dash cam.

You would want this if you want your dash cam activated with the slightest hit to the car.

However, there are downsides to this. Your dash cam will activate even when you close the car's door while exiting your vehicle. This will give you false parking mode got activated alerts. However, the positive side of this is that your car/dash cam is sensitive to minor bumps/hits to your car.

- 2 If you set your parking mode G-sensor at just the right setting, where it will NOT trigger the false alerts by closing your car's door, you will NOT get false signals. Then when you do get alerts, you know to check the last locked videos to see what happened because you didn't anticipate the false alerts.

However, the downside is that your dash cam is not extra sensitive to more minor bumps/hits because you have set your G-sensor to a higher level so that you may miss some smaller bumps/hit events.

However, there is one more positive side; if you have used time-lapse + collision detection, you should have your parking mode time-lapse videos saved in normal folders. So if you suspect someone might have hit your car or something, then you can still always go look at the time-lapse videos. We hope this made sense and was helpful.



PARKING MODE TIMEOUT

Parking mode timeout feature allows you to set specific hours to turn off the parking mode automatically. This will prevent the car battery from draining while you park your car overnight. Parking mode must be enabled for this feature.

- OFF (Default)
- 1 Hr - 12 Hrs.



RECORD AUDIO

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

- ON (Default)
- OFF



VIDEO 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 Stamp
- Speed Stamp
- GPS Location Stamp
- 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 Location 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.



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 STATUS ICON

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

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



LIVE SPEED & COMPASS

This feature allows you to see LIVE SPEED & COMPASS Direction on the HOME SCREEN.

- Live Speed ☒
- Compass ☒



NOTE

By turning off this feature, it does NOT turn OFF the Driving Speed or the GPS metadata. To turn OFF speed stamps, see the "VIDEO STAMPS" menu.



ROTATE VIDEO

This feature will allow you to flip your front and rear cam video 180° so you can still have the correct side of the image when the camera is mounted upside-down.

FRONT CAM	REAR CAM
• OFF (Default=0°)	• OFF (Default=0°)
• ON (Rotate=180°)	• ON (Rotate=180°)

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 the 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 to make desired changes to saved video & photo files on the memory card.

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

SYSTEM SETTINGS**WIFI**

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

- OFF
- ON - Once (WiFi will turn off at restart)
- Always On (WiFi will always stay on even after restart in the background)

WiFi Name SSID ▶	ROVE_R2-4K-DUAL_PRO***
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 See Page 42)

**WIFI MODE**

WiFi Mode allows you to choose the wifi band. The 2.4GHz band provides coverage at a longer range but transmits data at a slower speed. The 5GHz band provides less coverage but transmits data at a faster speed. We suggest using a 5GHz band unless your iOS/Android device is an older version and can only support 2.4GHz, which is very rare currently.

- 2.4GHz
- 5GHz (Default)



FORMAT

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

- Cancel
- Format



DATE/TIME

Here you can choose the date and time of your choice manually.



NOTE

The GPS Time Zone will be automatically set to OFF if you manually set the date and time.



DATE FORMAT

This feature allows you to select the date format.

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



TIME FORMAT

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

- 12-Hours (Default)
- 24-Hours



GPS TIME ZONE SETTING

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

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

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

<https://greenwichmeantime.com/time-zone/usa/> (See page 41)



SCREEN SAVER SETTING

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



SCREEN BRIGHTNESS

This menu will allow you to set the screen brightness.

- High (Default)
- Medium
- Low (Recommended to Prevent Heating)



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 button's beep volume, playback video volume, and boot up chime volume through the camera's internal built-in speaker.

- Low
- Med
- High (Default)
- OFF



VOICE GUIDANCE

Voice guidance is the female voice feedback you receive on your camera. If you prefer to not receive voice feedback, you can set this feature to OFF.

- OFF
- ON (Default)



CAUTION:

ROVE R2-4K DUAL PRO has an important failsafe voice feedback if the camera is not recording the video when it is turned ON and sitting idle. Therefore the camera will remind you every 30 seconds that it is NOT recording the video. If you hear this feedback, then you should check and investigate to see why your camera is NOT recording the video. This prevents the missed video on an accident when you need the most because your memory card can fail after a certain life cycle and if you don't check daily, you could possibly not know that the camera was only turned ON but was not recording the video. Therefore to avoid this failure, we strongly suggest that you keep the Voice Guidance turned ON.



BOOT UP TONE

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

- OFF
- ON (Default)



LICENSE PLATE

This feature will allow you to insert a 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

This setting allows you to turn ON/OFF the built-in GPS of the dash cam.

- OFF
- ON (Default)



NOTE

NO GPS related data will be used across the device. (i.e. Live Speed, Speed Stamp, GPS Coordinates)



GPS INFO

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

N42° 50' 15" W88° 54' 10"			
Number	0	Time	13:24:04
Speed	--	Longitude	0.000
Direction	0	Latitude	0.000
0 0 0 0 0 0 0 0 0 0			



NOTE

Please turn on the GPS if you'd like to check GPS Information.



GPS FORMAT

Here you can choose the GPS format as Decimal or Degrees, Minutes, Seconds.

- Decimal Degrees
- Degrees, Minutes, Seconds



LED STATUS INDICATOR

This feature allows you to choose the camera's LED status indicator to be set to ON/OFF.

- OFF
- ON (Default)



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)



DEFAULT SETTINGS

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

- Cancel
- OK



CUSTOMER CARE


CUSTOMER SERVICE

HOURS
 7 Days a week: 9 AM - 5 PM (PST)

EMAIL US  help@rovedashcam.com

TEXT US  For faster response text us
1-844-ROVE-CAM
1-844-768-3226



LEGAL

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FCC ID: 2A3IW-R2-DUAL-PRO

IC: 30265-R2DUALPRO

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.



SYSTEM INFORMATION

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

Please visit: www.rovedashcam.com For the latest firmware upgrade instructions. Firmware updates are provided for R2-4K DUAL PRO using iOS or Android APP. (See page 31)

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 be 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.

Quad-Mode GPS

The R2-4K DUAL PRO features a built-in Quad-Mode GPS module that supports four global positioning systems:

- The US GPS
- Europe's Galileo
- China's BEIDOU
- Russia's GLONASS.

This advanced technology significantly enhances positioning accuracy and speed by utilizing a larger network of satellites. With faster location detection and more reliable tracking, you can count on precise journey records and seamless navigation, no matter where you drive.

GPS player Software Installation (PC/MAC Only)

(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 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.

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
	• 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	Vehicle 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 a piece of 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 the 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 the 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 a chargeable basis only and subject to the 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. The 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, of the 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 the company under any circumstances shall be limited to an amount equal to the invoice amount paid by the purchaser to the 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 DUAL PRO** 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.
- The images and icons displayed in this user manual are intended for illustrative purposes only. They are not real examples captured by the ROVE dash cam. The purpose of these visuals is to provide a visual representation of the features, functions, and user interface of the product.

FCC ID: 2A3IW-R2-DUAL-PRO

IC: 30265-R2DUALPRO

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.



Copyright 2025, All rights are reserved by ROVE.

FCC Statement:

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

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

 CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC STATEMENT:

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- This device may not cause interference; and
- This device must accept any interference, including

interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposure warning:

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with Minimum distance 20cm between the radiator and your body.

L'environnement du millipascal incontrôlés, leurs conditions normales d'utilisation de maintenir, au moins 20cm avec les utilisateurs.

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 DUAL PRO

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

Cameras and they do NOT lag, we stand by our product and we do extensive testing. Some customers simply think 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 13)

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.

microSD Card is crooked or not going in slot easily

Please make sure you align microSD card correctly with gold contacts facing towards the Lens. (See Page 38)

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 Card Error" or "Please Insert microSD 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're 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.

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 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. 41)

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 during normal business hours. However, all questions are answered within 24 Hours. No Exceptions !!

For customer service PHONE SUPPORT number please visit: <https://www.rovedashcam.com/pages/supports>

A BIG THANK YOU!!



Thank you for purchasing your new **ROVE™ R2-4K DUAL PRO** 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.

License Plates. Smallest Details. Captured Like Never Before.



GOT QUESTIONS?



CUSTOMER SERVICE:

EMAIL US



Response in just 6 hours
help@rovedashcam.com

TEXT US



For faster response text us
1-844-ROVE-CAM
1-844-768-3226



HOURS

7 Days a week: 9 AM - 5 PM (PST)

Scan the QR Code to
CONTACT US



Scan to Email US:
help@rovedashcam.com



Scan to Text US:
1-844-ROVE-CAM
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FCC ID: 2A3IW-R2-DUAL-PRO

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