



# V2 Pro

## User Manual

The information in this manual is subject to change without notice.

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

06Rev4



# About This Manual

This device provides high-quality digital recording using **Rexing's** high standards of design, construction and technological expertise. This user manual describes the device's functions and features in detail. Please read this manual before using the device to ensure safe and proper use. Note that all descriptions included here are based on the device's default settings.

- Images and screenshots may differ in appearance from the actual product. Contents may differ from the final product or from software provided by service providers, and is subject to change without prior notice.
- For the latest version of this manual, refer to the **Rexing** website at [www.rexingusa.com](http://www.rexingusa.com).
- Available features and additional services may vary by device and software.
- Applications and their functions may vary by country, region, or hardware specifications.
- **Rexing** is not liable for performance issues caused by applications from any provider other than **Rexing Inc.**
- **Rexing** is not liable for performance issues or incompatibilities caused by failure to install the device as stated in this manual. Attempting to customize the installation may cause the device or applications to work improperly, which may result in device malfunctions and data corruption or loss. These actions are violations of your **Rexing** agreement and will void your warranty.
- Default applications that come with the device are subject to updates and possible discontinuation of support without prior notice. If you have questions about an application provided with the device, please contact an authorized **Rexing** Service Center.

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## Camera Overview

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## Camera Overview

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## Camera Overview

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# What's in the Box?

Check the product box for the following items:

- V2 PRO Dashboard Camera
- Quick Start Guide
- Adhesive Mount
- USB cable
- Car charger
- Warranty card

The items supplied with the device and any available accessories may vary depending on the region. Appearances and specifications are subject to change without prior notice. Availability of all accessories is subject to change depending entirely on manufacturing companies.

All supplied items are designed for use only with this device and may not be compatible with other devices. Malfunctions resulting from the use of unapproved accessories are not covered by the warranty service.

For more information about available accessories, refer to the **Rexing** website at [www.rexingusa.com](http://www.rexingusa.com).

# Camera Overview

- |                 |                                    |
|-----------------|------------------------------------|
| 1. MENU Button  | 7. Rear camera pot (Not supported) |
| 2. UP Button    | 8. Micro SD card slot              |
| 3. Power Button | 9. Power Slot                      |
| 4. DOWN Button  | 10. Front Camera                   |
| 5. OK Button    | 11. Cabin camera                   |
| 6. IR Lights    |                                    |



# Buttons

| Button                                                                            | Functions                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>• Press to turn on or off screen</li> <li>• Hold to turn the device on or off</li> </ul>                                                                                  |
| OK                                                                                | <ul style="list-style-type: none"> <li>• Press to confirm a selection while in Setting Mode</li> <li>• Press to start / stop recording</li> </ul>                                                                |
| M                                                                                 | <ul style="list-style-type: none"> <li>• Press to enter or exit Settings Mode</li> <li>• Hold to switching among Recording Mode</li> </ul>                                                                       |
|  | <ul style="list-style-type: none"> <li>• Press to navigate UP through options in Settings Mode</li> <li>• Press to manually lock the file while recording</li> <li>• Hold to reorient the rear camera</li> </ul> |
|  | <ul style="list-style-type: none"> <li>• Press to navigate DOWN through options in Settings Mode</li> <li>• Press to mute / un-mute the microphone while recording</li> </ul>                                    |
| Indicator                                                                         | Solid Red – Power, Charging<br>Flashing Blue – Recording                                                                                                                                                         |

## Status Icons

| Icon                                                                                | Description          |
|-------------------------------------------------------------------------------------|----------------------|
| <b>1080P+1080P</b>                                                                  | Video Resolution     |
|    | Blinking – Recording |
|    | Wide Dynamic Range   |
|    | Charging             |
|    | Microphone Mute      |
|    | Microphone On        |
|    | Video Recording Mode |
|    | Video Playback Mode  |
|    | Photo Mode           |
|   | Loop Recording       |
|  | Memory Card Inserted |
|  | White Balance        |

|                                                                                               |                           |
|-----------------------------------------------------------------------------------------------|---------------------------|
| <b>ADAS</b>                                                                                   | ADAS/ LDW/FCW On          |
| <b>ADAS</b>  | ADAS/ LDW/FCW Off         |
| <b>ABBBBBB</b>                                                                                | License plate number      |
|              | Current video file locked |

# Getting Started

## Installation

*Video guide: [video.rexingusa.com](http://video.rexingusa.com)*



### 1. Mount the Front Camera to the Windshield

Make sure that you mount the front camera in a safe, appropriate location where it won't obstruct the driver's view. Clean your windshield before applying the mount. Before attaching the camera, wait at least 20 minutes after applying the mount to the windshield.

## 2. Inserting a Memory Card

The V2 PRO accepts Micro SD memory cards (class 10 or higher) with a maximum capacity of 256GB.



### Inserting a memory card

- If the device is powered on, press and hold the **POWER** button to power it down.
- Insert the card as the orientation shown with the metal strips facing you.
- Push the card into the slot, listening for a click sound signaling the card is securely inserted.

## Removing a Memory Card

Before removing a memory card from your V2 PRO, you must first dismount it for safe removal

**With the device powered down**, press down the memory card until you hear a click. Gently remove your finger (or other pressing object) to allow the spring release to push the memory card out of the slot.

**Note: Do not remove the memory card while the device is transferring or accessing information.** Doing so can result in data loss or corruption or damage to the memory card or device. **Rexing** is not responsible for losses that result from the use of damaged memory cards, including the loss of data.

## 3. Formatting a Memory Card

### 3.1 Powering the Camera

**You must always connect the V2 PRO to a power source while operating the camera.** Connect the larger end of the included car charger cable to your car's cigarette lighter (12V DC power outlet) and connect the other Mini-USB end to the Mini-USB port on the device.

**Note: Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty. Use only Rexing-approved chargers. Using unapproved chargers or cables can damage the device.**

If the device receives an unstable power supply, the screen may not function properly. If the device is not operating properly using a Rexing-approved charger, please contact Rexing Customer Care ([care@rexingusa.com](mailto:care@rexingusa.com)).

### 3.2 Formatting the Memory Card

Before formatting your memory card, always remember to make backup copies of all important data stored on the card. The manufacturer's warranty does not cover loss of data resulting from user actions.

**Note:** It's recommended that you format your memory card after transferring files to your computer or at least once a month. For best results, format the memory card using the Format function on your camera:

- Upon turning on the camera, press the **OK** button to stop recording.
- Press the **MENU** button twice to enter the System Setup Menu.
- Use the **UP** and **DOWN** navigation buttons and toggle to the "Format" option.
- Press **OK** to confirm your selection.
- You will be notified that all data will be deleted. Scroll down to "OK" and press the **OK** button to confirm.
- If you followed the instructions above, you should see a blue box asking you to please wait while the card is being formatted. Formatting should only take a moment, and you will be taken back to the Setup Menu once formatting is complete.
- At this point, disconnect from the power source. The camera will shut down automatically after 3 seconds. The next time the camera is connected to power, the camera should start up and begin recording automatically.

## 4. Turning the Device On or Off

Press and hold the **POWER** button for a few seconds to turn on the device. A welcome message will be displayed onscreen. To turn off the device, again press and hold the **POWER** button for a few seconds. A goodbye message will be displayed onscreen.

The V2 PRO will switch on or off automatically if you keep it connected using the car charger. The camera will automatically start recording when it is powered on. After the power is disconnected, the device will shut down after 3 seconds.

**Note: If your car cigarette lighter provides constant power, the unit may not turn on or off automatically with the car.**

# Basic Operation

## 1. Automatic Recording

The device will automatically turn on and begin recording once it receives power, such as when you start your car. The indicator and the red dot icon on screen will flash while recording.

### Display Control

To switch between camera views on the LCD display, hold the ▲ button. Press the **POWER** button will turn on or off the LCD screen, your display setting won't affect the way recordings are captured.

### Locking Videos

While recording, you can press the ▲ button to manually lock the current video clip. This will ensure that Loop Recording won't overwrite the clip when the memory card is full. While in Playback Mode, you can also lock videos by press MENU button and select the "Protect" function. Locked videos can be found on the memory card under "\CARDV\MOVIE\RO".

### Automatic Shutdown

Once power is disconnected, the dash cam will shut down within 5 seconds.

### Wi-Fi Feature

In Video Recording Mode, while recording is stopped, press the **MENU** button twice OR Hold ▼ to enable the Wi-Fi feature. For detailed instructions on how to use Wi-Fi feature, see page 15 – Wi-Fi Connect.

## 2. Playback

### *Camera Playback Mode*

You can play back recorded video on your device using the following steps:

1. Press **OK** button to stop recording
2. Hold the **MENU** button twice to switch from Recording to Playback Mode
3. Use the **UP** or **DOWN** button to navigate through the stored video files
4. Press **OK** to play the selected video
5. Press **OK** again to pause playback
6. **FAST FORWARD**: While video is playing, press the **DOWN** button one or more times to set fast playback speed (2X / 4X / 8X)
7. **FAST REWIND**: While video is playing, press the **UP** button one or more times to set reverse playback speed (-2X / -4X / -8X)

### *Deleting Files*

**To delete one a file:**

1. Press the **UP** or **DOWN** button to navigate through the stored video files
2. Press **MENU** to view options for the highlighted file: Delete/Protect/Slide Show
3. Press the **DOWN** button once to select "Delete"
4. Press **OK** once to view options for "Delete Current" or "Delete All" files
5. Press **OK** twice to delete file

**To delete all files:**

1. Press on **UP** or **DOWN** button to navigate through the video files
2. Press **OK** to enter "Video"
3. Press **MENU** to view options for this file: Delete/Protect/Slide Show
4. Press **OK** once to view options for "Delete Current" or "Delete All" files.
5. Press **OK** again to delete all files

*Computer Playback*

**Minimum System Requirements**

Windows Media Player/QuickTime Media Player  
OR any media player compatible with .MOV files

**Accessing Video Files**

Insert the SD card into your computer or plug your camera into the computer USB port and select "Mass Storage" to access the video files.

*GPS Playback*

You can play back your recordings in a specialized application that allows you to view speed and location information alongside your footage.

**Minimum System Requirements:** Windows 7, 8, or 10, MAC OS X

Display Resolution: 1280x720

**Installing the application**

- a. Locate your dash cam at [support.rexingusa.com](http://support.rexingusa.com) to access the GPS Playback software.
- b. Download the zip folder containing the software installer.
- c. Unzip the folder to access the installer file contained within.
- d. Open the installer and follow the instructions to install the GPS Playback

software to your computer.

e. Once the application is installed, you may launch the application. Please go to [rexingusa.com/support/videos/](http://rexingusa.com/support/videos/) for a tutorial video.

### **Opening a GPS video file**

- a. Once you've opened the application, navigate to the top menu bar and click "File > Open" to browse through your files.
- b. Navigate to the video file you want to add to the playback queue, select it and click "Open" to load it into the application. You may also select multiple videos at once.
- c. After a brief loading period, the (first) video should begin playing automatically, displaying speed and location information in real time along the right-side panels.

### **Playback**

Beneath the video is a playback bar with a handle that you can drag to skip ahead to any time point in the video. Beneath that, there's a volume control slider, as well as previous, rewind, pause/play, fast forward, next, and stop buttons.

### **Additional Controls**

**Snip:** Save the current frame of video as an image (PNG).

**Full Screen:** View the video in full screen (double-click the video to exit).

### **Settings**

In the settings menu, you may change your language from English to Chinese, Japanese, or Vietnamese, etc. You may also change your unit of speed measurement from MPH to KM/H. Additionally, you have the option to change the map application used from Google Maps to Baidu Maps.

### 3. Wi-Fi Connect

Use your mobile device to download the “Rexing Connect” app from the App Store or Google Play Store.



After you've done this, follow the instructions below:

1. **Dash Cam:** In Video Recording Mode, press OK button to stop recording. The Wi-Fi function can be accessed by press the MENU button twice OR Hold ▼ Button.
2. **Mobile Device:** Navigate to your device's Wi-Fi settings and connect to the Wi-Fi name that's shown on the dash cam after “SSID:”. When prompted for a password, enter the password shown on the dash cam screen.
3. **Mobile Device:** Once connected to the dash cam Wi-Fi, open the Rexing Connect app. From there, press the “Connect” button to connect to the dash cam interface.
4. **Dash Cam:** Once connected, the screen should switch to the camera view and display a “Wi-Fi Connected” message.

Using the Rexing Connect app, you can view a live preview of the dash cam screen, start / stop recording, as well as view and save your captures with your mobile device.

To exit Wi-Fi, hold ▼ button for 3 seconds to return to Video Recording Mode.

For further instruction regarding the Wi-Fi Connect feature, please visit [www.rexingusa.com/wifi-connect/](http://www.rexingusa.com/wifi-connect/).

# Video Settings

On Video Recording Mode, Press **OK** button to stop recording then press **MENU** button once open System Settings Menu.

## Resolution

### Recommend Setting: 1080P FHD + 1080P FHD

Use this setting to set the recording resolution:

- FHD P30 + FHD P30 (1080P+1080P, 30fps, dual channel)
- HD P30 + HD P30 (720P+720P, 30fps, dual channel)
- UHD P24 (2196P, 24fps, single channel)
- QHD P30 (1440P, 30fps, single channel)
- FHD P60 (1080P, 60fps, single channel)
- FHD P30 (1080P, 30fps, single channel)
- HD P120 (720P, 120fps, single channel)
- HD P60 (720P, 60fps, single channel)
- HD P30 (720P, 30fps, single channel)

## Loop Recording

### Recommend Setting: 1 Minute

With Loop Recording Mode enabled, the device will continuously erase older video as it records new video, keeping only the images captured over a user-selected time range. All video older than this range will be replaced with new videos. **(Note: any locked video files on the memory card will remain protected and will not be automatically deleted during Loop Recording.)**

It is recommended that you reformat a memory card after every time that images are transferred from it to a computer, or at least once a month. This

keeps important elements of data and file structure clean, helping to prevent error messages and missing images.

Remember to always make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

## WDR (Wide Dynamic Range)

### **Recommend setting: On**

When enabled, this feature automatically adjusts exposure settings to improve recording quality in particularly bright or dim environments, providing balanced lighting and clearer recorded video.

## Exposure Comp

### **Recommend setting: +0.0**

Adjust the camera exposure value for brighter or darker recorded video, according to your preference.

## Recording Audio

### **Recommend setting: On**

You may choose to record audio with video or turn off the microphone so that all recorded videos will be muted.

Alternatively, you can use a hot key shortcut for this feature. During Recording Mode, press the **DOWN** button to mute / unmute the microphone for video recording.

## Date Stamp

You have the option to display the date and time in your videos.

**Note: The date and time stamp cannot be removed from videos if this feature was enabled at the time of recording.**

## Gravity Sensing (G-Sensor)

### **Recommend setting: Low**

This feature acts as an accelerometer, measuring physical and gravitational forces acting on the camera itself. In the event that such forces are detected, the device will perform an automatic file lock. (Locked video files cannot be erased during Loop Recording; they remain on the memory card until manually deleted or the card is reformatted.)

## Plate Number

Enable this feature to enter your vehicle plate number for video recording. The plate number will stamp in the video.

**UP/Down** – Change value

**MENU** – Move to next segment

**OK** – Save Settings

## LDW (ADAS)

In road-transport terminology, a lane departure warning system is a mechanism designed to warn the driver when the vehicle begins to move out of its lane (unless a turn signal is on in that direction) on freeways and arterial roads.

## FCW (ADAS)

A forward collision warning (FCW) system is an advanced safety technology that monitors a vehicle's speed, the speed of the vehicle in front of it, and the distance between the vehicles. If vehicles get too close due to the speed of the rear vehicle, the FCW system will warn that driver of an impending crash.

## Infrared light

Default setting: Auto

Auto handle low light conditions and ensures flawless video footage even when the passenger cabin is dark.

## Back Camera Mirror

Mirrored the cabin camera

# System Settings

On Video Recording Mode, Press **REC** to stop recording then press **MENU** button twice open System Settings Menu.

## Wi-Fi

Default setting: Off

Turn this feature on to temporarily enable Wi-Fi feature.

## Date/ Time Setup

Use this setting to change the device's time and date:

**UP/Down** – Change value

**OK** – Move to next segment

**MENU** – Save Settings

**Note: If the battery remains fully discharged or is removed from the device, the time and date will be reset.**

## Beep Sound

Recommend setting: On

This setting allows you to turn the device's button sound effect on or off.

## Language

Use the following procedure to change the device's time and date. Language availability may vary depending on the region.

## Frequency

Recommend setting: US - 60Hz

This option should be set according to the power supply specification used in your country or geographical region (U.S. users should select the "60Hz" option).

## Screen Saver

Recommend setting: off

Select a time duration for the screen to stay lit after recording starts.

Alternatively, you can use a hot key shortcut for this feature. During Recording Mode, press and hold  to turn the LCD screen on or off.

## Format

Performing this operation will format memory card.

Note: any files in the memory card will be lost.

## Default Setting

Performing this operation will reset all your device's settings to their original values. Note: any user-customized settings will be lost.

## Version

Device firmware version information.

## Photo Settings

On Photo Mode, Press **MENU** button once open System Settings Menu.

### Capture Mode

Recommend setting: Single

With this feature you can set a timer for automatically capturing images.

### Resolution

Recommend setting: 5M

This option allows you to set the pixel resolution for captured images.

### Quality

Recommend setting: Fine

This option allows you to set the quality level of captured images.

(Lower quality images take up less space on the memory card.)

### Sharpness

Recommend setting: Normal

This feature will automatically enhance captured images for a clearer, more distinct picture.

### White Balance

Recommend setting: Auto

This setting allows you to adjust the lighting balance for different environments.

## Color

Recommend setting: Color

This feature allows you to choose a color effect for captured images.

## ISO

Recommend setting: Auto

This setting enable you to adjust the camera's sensitivity to light when taking photos. The higher the number, the greater the light sensitivity.

## Exposure Comp

Recommend setting: +0.0

This setting allows you to adjust the brightness level of captured images.

## Anti-Shaking

Recommend setting: On

This feature enables the image stabilizer function to reduce blurring of captured images.

## Quick Review

Enabling this feature will allow you to immediately view each captured image for a few seconds before taking the next photo.

## Date Stamp

Recommend setting: Date/Time

This feature will automatically apply a date and/or time stamp to captured images.

## Updating Firmware

Please note that the firmware does not need to be updated unless you are experiencing any issues. The firmware is put in place to fix any bugs or glitches that may occur during normal use.

The following procedure will allow you to use the **Rexing** website to update firmware for your V2 Pro Dashboard Camera. This is necessary for enabling all available features on your device.

1. Download the firmware file to your computer
2. Unzip the file
3. Format your memory card in your computer (or unit)
4. Copy the firmware files to the root of your memory card
5. Put card into camera
6. Power camera on (make sure the camera is plugged in)
7. The camera will update automatically. The screen will stay off but the status light will light up; it will take 30-60 seconds
8. **(important)** After updating, format the memory card or it will flash every time
9. Do not disconnect power cord, hold power button to reboot unit

## Product Specifications

|                  |                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| Image Sensor     | 5MP CMOS                                                                                                           |
| Lens             | 6-Layer Fixed-focus with full-glass elements                                                                       |
| CPU              | Novatek                                                                                                            |
| LCD              | 2 inch, 16:9                                                                                                       |
| Audio            | Built-in high-sensitivity microphone/speaker                                                                       |
| External Memory  | Class 10 or above MicroSD card (up to 256GB)                                                                       |
| Gravity Sensor   | Low / Medium / High / OFF                                                                                          |
| Shutter          | Electronic                                                                                                         |
| White Balance    | Auto                                                                                                               |
| Exposure         | Auto ISO                                                                                                           |
| TV Interface     | None                                                                                                               |
| Battery          | 320mAh 3.7V rechargeable lithium ion battery                                                                       |
| Video Format     | MOV                                                                                                                |
| Video Resolution | 1920x1080P30+1920x1080P30,<br>1280x720P30 + 1280x720P30, 2880x2160P24,<br>2560x1440P30, 1920x1080P60, 1280x720P120 |
| Languages        | English, Chinese, French, Spanish, Portuguese, German,<br>Italian, Russian, Japanese                               |
| USB              | USB 2.0                                                                                                            |
| Loop Recording   | 3 min/ 1 min / OFF                                                                                                 |
| Screen Saver     | 15 Secs / 1 min / 3 min / OFF                                                                                      |
| Auto Shutdown    | 1 min / 2 min / 3 min / OFF                                                                                        |
| Microphone Mute  | ON / OFF                                                                                                           |
| Wi-Fi            | Yes                                                                                                                |

# Warranty & Support

## Warranty

The Rexing V2 Dash Cam comes with a full 12-month warranty. If you register your product on our official site (<https://www.rexingusa.com/support/registration>), you can extend the warranty to 18 months.

## Support

If you have any questions regarding your product, please do not hesitate to contact us at [care@rexingusa.com](mailto:care@rexingusa.com), or call us at [\(203\) 800-4466](tel:2038004466). Queries are typically answered within 12-24 hours.

## Your opinion matters

Rexing is firmly committed to always improving our products, services, and user experience. If you have any thoughts on how we can do even better, we welcome your constructive feedback and suggestions.

Connect with us today at [care@rexingusa.com](mailto:care@rexingusa.com)

Thank you for choosing Rexing!

**FCCID: 2AW5W-S1**

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.

**REXING®**



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