

M2

User Manual

BestBuy Edition

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

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18-Month Warranty

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Activate within 30 days of purchase to claim your free gift and extend your limited 12-month warranty to 18 months.

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Notice

- The user menu is to be set up in non-video mode. If the device is in video mode, please proceed only after stopping the video recording.
- 2. Memory Card: Using a new MicroSD card always requires formatting it to your device. Regularly clear the memory card, as continuous video recording for an extended period of time may produce some protected files that are not subject to long-term protection (these files may not be overwritten during loop recording) and some storage fragments, which must be cleared regularly in order to save usable storage space.
- On-board Charger: The standard input voltage is configured to 12V. If a voltage greater than 12V, contact your dealer or our customer care via care@rexingusa.com to replace it with a replacement charger.
- 4. The features described in this operation manual are available for all products of the same type. The device you buy may be a model with optional or additional functions. Menu operations may vary. Please refer to your actual product.
- Pay attention to the mounting position, which must not interfere with driving or lead to unsafe driving operation. Make sure it is safely secured.
- A standard 6-meter cable is provided for the rearview camera. It is not recommended to install this type of dash cam if your car is beyond the connection cable range.



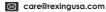
⚠ Warning

The battery (module or pack) must not be expose to an overheat environment such as direct sunlight or flame. Never remove, strike, or squeeze the battery or put it in fire. Stop using the battery if it is ballooned, warped, leaking, or shows any other visible signs of damage.

Overview

Thank you for choosing REXING!

We hope you love your new products as much as we do. If you need assistance, or have any suggestions to improve it, please contact us.





Our support team will respond you as soon as possible. Always a surprise in Rexing.

Check us out here.

- https://www.facebook.com/rexingusa/
- https://www.instagram.com/rexingdashcam/
- https://www.rexingusa.com/support/registration/

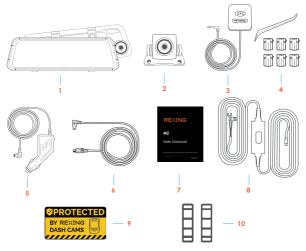








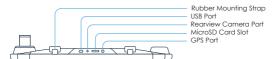
What's in the box?

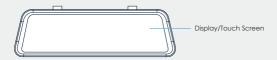


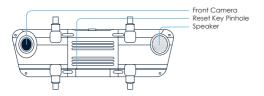
- 1. Rexing M2 Smart Mirror Dash camera
- 2. Rexing rear camera
- GPS Logger
- 4. Cable Management Tool
- 5. In-car power cable (12ft)

- 6. Rear camera cable
- 7. User Manual
- 8. Hardwire Kit
- 9. Warning sticker
- 10. 2 Sets of Rubber Mounting Strap

Camera Overview







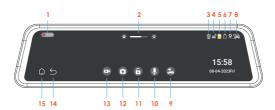


Designation	Description of Functions		
Power Button	This button controls the device's power. With the device connected to an external power source, pressing this button will turn it on or off. Additionally, a quick press will toggle the screen's backlight.		
Display / Touch Screen	The touch screen is your main interface for accessing the device's features. Tap on the corresponding icons for functions, and perform swipes for certain actions.		
Reset Key	Use this key if the device becomes unresponsive. A quick press will reset the device and restore normal operations.		
USB Port	Charging port		
GPS Port	GPS Logger is included in the package.		
Micro SD Card Slot	A slot for inserting a MicroSD card		
Front Camera	This camera records what's happening in front of your vehicle.		
Rear Camera Port	Rear camera plug-in port.		

NOTE

- Press the Power Button to turn On or Off the screen
- Press and hold the Power Button for 3 seconds to turn the device on or off

Screen Icons



- 1. Recording Time
- 2. Screen Brightness
- Video Mode
- 4. G Sensor On
- 5. Memory Card Inserted
- Battery Charging
- GPS Signal
- 8. Parking Monitor
- 9. Toggle Front/Rear Camera

- 10. Mic on/off
- 11. Lock/Unlock a Video
- 12. Take a Photo
- 13. Video Recording
- 14. Back Button
- 15. Home Button

Note

- If the screen is off, tap the screen to turn it back on.
- If the icons on the screen are hidden, tap the screen to display the icons.

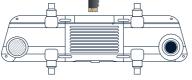
Get Started

Memory Card Installation

Step 1. Insert a Memory Card

You will need to insert a memory card before beginning recording. Push the memory card into the slot until it locks in place.

The M2 dash cam accepts memory cards with a maximum capacity of 256GB. Depending on the memory card's manufacturer and type, some cards may not be compatible with the dash cam. Using an incompatible card may damage the device, the memory card, or corrupt the data stored on it. For reliable operation, use a Class 10 memory card with a capacity of at least 32GB.



Note

DO NOT insert or remove a memory card while the device is in operation.

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

Reformatting a memory card keeps important elements of data and also a cleaned file structure which helps to prevent error messages and missing images. Reformatting also restores the memory card, which can help prevent it from becoming corrupted.

Step 2. Formatting the Memory Card

- 1. Tap the icon to stop recording
- 2. Tap the icon to access settings
- 3. Toggle down to Format
- 4. Tap OK to format the card

Please format the card on the dash cam before using it. Before formatting a memory card, always remember to 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.



Note

Removing the memory card

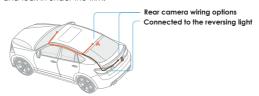
Before removing a memory card from your dash cam, you must first unmount it for safe removal.

- 1. Tap the icon to stop recording
- 2. Press and hold the power button to turn off the device
- 3. Gently push the memory card in and let go until it releases

Do not remove the memory card while the device is transferring or accessing information. Doing so can result in data loss, 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.

Dash Cam Installation

- Strap the dash cam to the rearview mirror of your vehicle with the rubber mounting strap. Adjust the angle of the cameras to ensure that it captures your desired view.
- Mount the rear camera as shown below and then connect the rear camera to the main unit. Carefully route the power cable around the door and tuck in under the trim.



The rearview camera has two wire routing options as shown in the above figure. The first part of both options is characterized with concealing the wire routing against the edges of the door(s).

The device is configured with a streaming media rearview camera that provides clear traffic view behind the car. To obtain clearer and more intuitive images, it is recommended to mount the camera above the license plate (as shown by option B).

3. The device will be automatically be powered on when plugged into a 12V accessory socket or cigarette lighter and received a charge (i.e.: the vehicle is started). To turn the device on manually, press and hold the Power button for 3 seconds until the welcome screen appears. The dash cam will automatically start recording when powered on. 4. The red wire of the rear camera cable provides a 12 Volt power to your rear camera. It is not necessary to connect the red wire to the power supply. But if you want to use the parking assist function, it's recommended to connect to the power source of your reverse lights, so the screen will display the image of the rear camera automatically when the vehicle is in reverse. If you need more installation information, please reach out to care@rexingusa.com for assistance.



Note:

The optional rearview camera is mounted on the rear of the car. Pay attention to its orientation during installation. Plug the rearview camera connector into the corresponding port of the dashcam once the installation is completed. Adjust the position of the lens to ensure that it aligns horizontal with the ground. Start the engine to check the video functionality of the device.

Plug the GPS module into the GPS port and secure the module to a position close to A-pillar of the car. The antenna receiver side (the side without 3M adhesive) faces the outside and the side with 3M adhesive faces down. It should be properly secured.



6. When connecting the charger to the vehicle's 12V DC outlet, be sure to use only a Rexing-approved charger. The charger should be at least a 2.5A charger which is designed and supplied specifically for use with your device. Using an incompatible charger can cause serious personal injury or damage to your device.



Note:

Due to unstable voltages caused by starting the car engine, a voltage fluctuation in some vehicles may be especially obvious. If a flashing screen or some other unforeseeable operating problem occurs when you start the engine, it is recommended to unplug the device from the charger before starting the engine, and then reconnect it after the engine is running.

Note:

- · Press the Power Button to turn On or Off the screen
- Press and hold the Power Button for 3 seconds to turn the device on or off

We kindly suggest taking a moment to watch our tutorial video. It's designed to help you have a smooth and successful installation experience. We believe you'll find it very helpful!

Please scan QR code or go to shop.rexingusa.com > Buyer's Guide > How to Install a Dash Cam



Basic Operations

Video Mode



Key Functions

- Return to the main interface.
- 2. Return to the previous operation menu.
- Start/Stop video recording.
- Take a snapshot.
- 5. Locking/Unlocking (if locked) a file.
- Audio recording On/Off.
- Front/Rear view switching.
- 8. Time, date, and weekday display.
- Status bar: An icon that is illuminated indicates a corresponding enabled function; a function that is disabled is shown in gray.
- Adjustment of screen brightness. Click to decrease brightness and click to increase brightness.
- 11. Video recording state and duration

Video Recording Operation

upwards or downwards.

With a MicroSD card inserted in the device, it will record automatically in video mode after starting. A red indicator will flash in the upper left corner of the screen during video recording.

Press the icon to stop recording Press the icon to start recording when no recording is active. Press the icon to take a snapshot. Press the unlocked icon during recording will lock the current video file and the icon will change to the locked icon (a) at the same time. Press the icon again to unlock the current video and the icon changes to the unlocked icon 6 Press the icon to stop audio recordina. Touch the icon again to start audio recording. Tap to change the view from the front to the rear image. Swipe up and down to adjust the anale of the front/rear camera

Main Interface

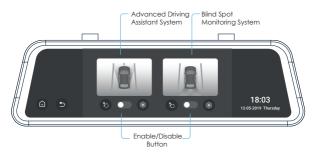
The default interface is video recording screen after starting. Press the icon to access the main interface, which is the entry that can be used to access all functions and setup menus. The interface is shown below.



Smart Driving Mode

Note:

The Advanced Driver Assistance Systems (ADAS) feature depends on the traffic conditions and the driving state information obtained from the front camera and the Blind Spot Detection (BSD) depends on the traffic conditions of blind spots and driving information obtained from the rear camera. When the display shows the front the camera image, ADAS enables. When display shows the rear camera image, BSD enables. They cannot be enabled simultaneously.



Outline

ADAS refers to Advanced Driving Assistant System. This model mainly includes FCWS (Forward Collision Warning System), LDWS (Lane Departure Warning System) and a stop & go function. That is, an alert or warning is generated when a potential collision hazard with the car ahead is detected during driving or it is about to deviate from its lane.

BSD refers to Blind Spot Detection, which monitors in real time any vehicle in the blind spots on both sides during driving. It gives an alert so as to reduce the risk of traffic accidents that are likely to occur when you intend to shift to another lane. It is also called **LCA** (Lane Change Assist).

ADAS and BSD systems may be interfered with by sunlight, inadequate lane lines, rain, and fog, Certain impacts may be affected by these inaccuracies, and some collisions may not be avoidable. Currently, the ADAS provides a rate of accuracy between 80 to 90 percent during the daytime and 60 to 70 percent at night. BSD provides a rate of accuracy around 90 percent during the daytime and around 80 percent at night.

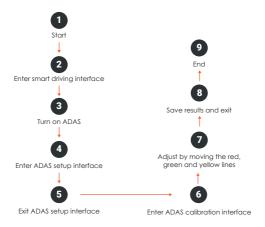
The following instructions are mainly used for the calibration of the smart driving application of the dashcam. It mainly includes the calibration of **ADAS** and the blind spot monitoring range.

Before using **ADAS**, it is necessary to calibrate it according to its mounting position and view angle of the dashcam. Only in this way can it detect vehicles and lanes accurately.

Disclaimer:

The system is a safe driving assistant system and it cannot be used as a proof for the liability of traffic accidents.

ADAS Calibration



Setup Steps:

- Open the smart driving application and turn on ADAS (advanced driving assistant system). The button turns from gray to blue.
- Click to access the ADAS setup page. Click the option Front Car Warning Time and select the appropriate option (a default value may be used). FCWT refers to the warning time for a potential collision with the car in front.



 Click the option Lane Change Line-Crossing Warning and select the appropriate option (a default value may be used). LCLCW refers to the sensitivity of line-crossing warning during a lane change. High, moderate, and low indicators correspond to lane change line-crossing time 2s/3s/4s, respectively.



4. Click to access the ADAS calibration page. You will initially see the concept and a brief introduction on the calibration page. Click Next to access the real calibration interface, as shown below. Move the red line up or down align with the horizon (the intersection line between the sky and ground). Move the yellow line up or down to the interface between the engine hood and ground. Move the green line left or right to the focal point where the far end of the road intersects with the horizon.

Note:

The range of calibration line adjustment is limited. If the extreme adjustment has reached the its limits and the result is unsatisfactory, it may be necessary to adjust the mounting position of the dashcam or perform fine adjustments of the lens so as to align it properly within all angles.



5. When the adjustment is accurate as shown above, save and exit.

Calibration For Monitoring Blind Spots



Setup Steps:

- Open the smart driving application and turn on BSD (Blind Spot Detection). The button turns from gray to blue.
- 2. Click to enter BSD setup interface. Click the option Warning Speed and select the appropriate option (a default value can be used). The Warning Speed means that when any vehicle is detected within the set warning range, an alarm is activated if the driving speed of the car is greater than the set value.



3. Click the option Warning Sensitivity and select an appropriate option (a default value can be used). Warning Sensitivity means that when any vehicle is detected within the set warning range, an alarm is activated if the driving speed of the following vehicle is greater than that of the car.

High: An alarm is activated regardless of car speed.

Moderate: An alarm is activated if the following vehicle has a speed 10km/h greater than the car.

Low: An alarm is activated if the following vehicle has a speed 20kg/h areater than the car.



4. Click to access the BSD calibration interface. You will initially see the concept and a brief introduction on the calibration page. Click Next to access the real calibration interface, as shown below:



5. Move the red line up or down to the horizon (the intersection line between sky and Earth). Move the yellow line up or down to the interface between the car's tail and ground. Move the green line left or right to the focal point where the far end road intersects with the horizon. After proper adjustment, click Next to access calibration of the warning range.

Note:

The range of calibration of the line adjustment is limited. If extreme adjustment is still unsatisfactory, it will be necessary to adjust the mounting position of the camera is or perform fine adjustments of the lens so as to align it in the rearward direction.



6. Warning Range Setup:

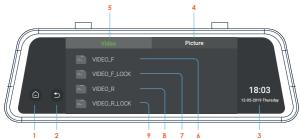
Click to switch among the four corners of both the left and right square zones. The corner indicated by the red spot means the zone is currently adjustable. Click to adjust the warning range. By touching one of the four arrows you may move it up, down, left, or right. Click Save after marking the appropriate adjustments. Only in this way can the calibration data be saved.



7. Testing:

When testing is on, as shown above, the image from the rearview camera shows two warning zones marked in cyan. It is not shown when the button is off. This function is mainly used for demonstration of the warning ranges. To avoid interference with the image display, it is off as a default after starting the device each time. It is to be manually turned on if such a display is desired.

Playback Mode (File Management)



Key Functions

- 1. Return to the main interface.
- 2. Icon to return to previous operation
- 3. Time, date, and weekday display
- 4. Image files
- Video files
- 6. Front camera video file

- Front camera locked video file
- 8. Rear camera video file
- 9. Rear camera locked video file

Enter the file list interface and touch the discount to lock a video file. For a locked video file, touch the icon discount to unlock the file. For unwanted video and picture files, touch the icon to delete the file. To play a video file, touch the file name. During playback, touch the discount to pause it. Touch to scroll up the files and touch the icon to scroll down the files.

For an image file, touch the file name to enter the full screen view. Touch to scroll up the files and touch the to scroll down the file. On the file list page touch to delete a file.

Note:

Locked files will not be overwritten by loop recording. When there are too many locked files or the Locked files full message is prompted, please backup the files and delete them from the device.

Parking Monitor (Parking Surveillance Mode)

Parking monitor provides surveillance on your parked vehicle. When the engine is off, the built-in battery is used to provide continuous power and protect your car battery from being discharged.

Option 1: Vibration Detection

Set the Parking Monitor Feature "On" in the camera settings, it will allow the dash cam to switch to parking mode automatically if the vehicle's engine turns off and switch back to the normal recording after vehicle's engine turns on.

Gravity Sensing Record:

The Gravity Sensing detects significant or sudden movement (such as an impact or collision), it will trigger an event recording. We suggest setting the "Gravity Sensing" to High sensitivity for Parking Mode Recording.

Note:

If you do not use the parking mode function, please change the Gravity Sensing sensitivity to low. Otherwise, the video will easily be locked and the video cannot be deleted by the loop recording function. This will cause the memory card to be full of locked videos and cause the recorder to fail to work normally.

Please Note: Installing the provided hardwire kit is optional, but it can enhance your dash cam experience. The kit has a single cable for fuse connection, and the dash cam's behavior depends on your connection choice:

- Constant Fuse: Keeps the dash cam on even when the car is off, but disables the parking monitor.
- On/Off Fuse: Activates parking monitor when parked and frees up your cigarette lighter. Parking recordings are saved in the locked video folders.

Choose the setup that best suits your needs.

We kindly suggest taking a moment to watch our tutorial video. It's designed to help you have a smooth and successful installation experience. We believe you'll find it very helpful!



Please go to https://www.rexingusa.com/ihwkinstall or scan QR code

Option 2: Motion Detection

To use this feature, you need to connect it with a Rexing Intelligent Hardwire Kit (UPC: 810046603178, sold separately). Make sure that the Parking Mode is turned off on your dash cam, otherwise it may cause a malfunction.

Once the sensor had detected MOTIONS. The intelligent hardwire kit will power up the dash cam automatically and start recording until the MOTION is cleared.

GPS Logger

You can then access this information while playing back your recordings using the GPS Video player (For Windows and Mac, available at rexingusa.com)

The dash cam will automatically search for the GPS signal once it's connected to the power source. Press the **HOME** button and go to System Settings. Toggle the GPS Speed Unit setting, and select your favorite speed unit.

After a GPS signal is found, the screen icon will turn from Gray to green as per the below icons. It will record the speed and location of your vehicle as you drive.



GPS function active



GPS Signal (not found)

GPS Date-Time Troubleshooting

If your dash cam GPS data and time are incorrect please to

https://www.rexingusa.com/gps-data-time/ OR scan the QR code below.



Download GPS Video player

Please download GPS logger player through the link OR Scan the QR Code below.





Driving Setup



- Loop Recording: 1, 2, 3 minutes. Video record is saved in segments.
 When the storage card is full, the earliest recorded video will be overwritten in order to maintain loop recording status. The time length in menu is the duration of each recording.
- Video Resolution: 2K Front + 1080p Rear
- Frequency: 50HZ, 60HZ
- · Gravity Sensor Sensitivity: High, Moderate, Low, Off

Note:

The gravity sensor receives impacts when the car shakes violently or receives an impact and the system will automatically save the currently recorded video as a protected file. This feature performs the same function as the manually activated emergency lock after the device has been started. If the emergency mode is not activated automatically, touch the \Box icon during recording and apply the manual lock to protect the current video file.

Rear Camera Mirroring (On, Off):

This feature displays a reverse image on-screen display for rear camera view. On enables mirroring display and off displays the original image.

Mute Video Recording (On, Off):

When mute is on, video is recorded with no audio. This function can be directly switched on by clicking the licon on the video recording interface.

• Time Stamp:

Off. On

• Parking Monitoring (On, Off):

This feature is on when you see the illuminated icon in the status bar on the video recording interface, and it is off when you see the grayed-out icon. When the parking monitor is activated, its standby state will be activated after the engine is turned off. When the car is shocked by an external force and the sensor detects the impact, the system will begin video recording.

System Setup



Stream Media:

When this feature is switched on, the full screen rearview camera image is displayed after starting the device.

Speed Setup:

60 to 160 km/h adjustable

Speed Setup:

60 to 160 km/h adjustable.

An alarm sounds when driving speed exceeds the set value.

Speed Error Correction:

-6 to +6

· Satellite Information:

Check GPS information status and GPS signal condition.

Brightness Setup:

1, 2, 3, 4, 5 Sets the brightness of the screen.

· Volume Setup:

0, 1, 2, 3, 4 Sets the audio volume of the system.

Sleep Mode:

10S, 30S, 60S, off Sets the time to activate the screen's sleep mode. The display remains on without powering-off when sleep mode is deactivated.

· Key Tone:

Off, On

Language Setup:

English, Traditional Chinese, and other languages.

• Time Setup:

System time setup.

System Formatting:

Confirm, Cancel.

Note:

Formatting removes all files (including protected files) from the storage card. Files cannot be restored after formatting. Please, back up important files before formatting.

Version:

System version

Restore Factory Settings (Confirm, Cancel):

Select Confirm to restore system default values. Setting made by the user will be altered.

Check Recorded Files with a Computer

- 1. Unplug the used MicroSD card and place it into a card reader
- Connect the card reader to the USB port of the computer. Open the removable disc and you will see the following file folders
- PICTURE: Picture saved
- . VIDEO F/VIDEO R: Video records of front and rear road tracks
- VIDEO_F_LOCK/VIDEO_R_LOCK: locked video records of front and rear

Note:

Be careful when deleting any locked video. Important videos, if any, should be backed up.

- To play videos or browse pictures, your computer must have the necessary software available
- Backup Files

If you intend to keep important and memorable videos and pictures for a long time, we suggest that you make a copy of each file from the card to your computer. Do not save them in a new folder created in the same storage card; doing so will reduce the available space of the card.

Product Specifications

Display	TFT display		
MicroSD card	Class 10 and above (supports a card capacity up to 256GB)		
Speaker	Built-in		
MIC	Built-in		
Video format	MOV		
Picture format	JPG		
Video resolution	2560 X 1440		
Available languages	English, Traditional Chinese, and other languages		
G-SENSOR	Yes		
Loop recording	1, 2, 3 minutes		
Input current	DC5V 2000mA		

Note:

Be careful when deleting any locked video. Important videos, if any, should be backed up.

General Troubleshooting

Trouble	Possible Causes	Solution
Device fails to power on	Defective connection with the charger or burned	Check the plug to the cigarette lighter or check the charger fuse for continuity
Device fails to record video or take a picture	MicroSD card is not inserted or recognized by the	Plug in the card. If the card is not recognized, unplug it and plug it in again, or clean up any contamination from the card contacts, or format the card by connecting it to a computer.
	Card error notice/please format	Format MicroSD storage card
	Insufficient space notice when taking a	Delete some files or unlock to release storage space, or format MicroSD card.
Video does not play smoothly	Slow reading speed of the card reader or insufficient system ROM of the computer	Change card reader or copy the video file to your computer, and then play it again. If this does not solve the problem, try another computer.
All buttons fail to function	Program error or wrong operation	Press Reset Key to restart the device.

Warranty & Support

Warranty

The Rexing M2 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, or call us at (877) 740-8004. 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

Thank you for choosing Rexing!

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

