

REXING®

M2 Max User Manual

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

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Notice

1. 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.
3. Time-lapse photography should not be enabled while driving. This function captures images more slowly than normal but plays in speed-up mode, which may affect the integrity and continuity of your video.
4. On-board Charger: The standard input voltage is configured to 12V. If a voltage greater than 12V, contact store of purchase or our customer care via care@relingusa.com to replace it with a replacement charger.
5. 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.
6. Pay attention to the mounting position, which must not interfere with driving or lead to unsafe driving operation. Make sure it is safely secured.
7. 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 larger than the connection cable range.

 **Warning**

The battery (module or pack) must not be exposed to overheat environments 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.

 **care@rexingusa.com**

 **(877) 740-8004**

Our support team will respond to you as soon as possible.
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- <https://www.facebook.com/rexingusa/>
- <https://www.instagram.com/rexingdashcam/>
- <https://www.rexingusa.com/support/registration/>

 **Facebook**



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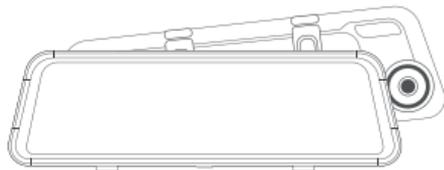
 **Site**



 **Product Support**



What's in the box?



1



2



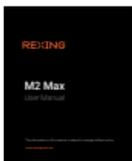
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4



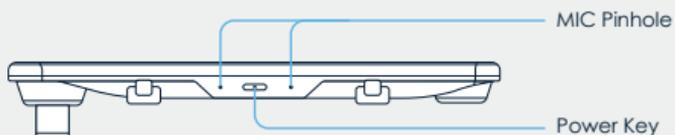
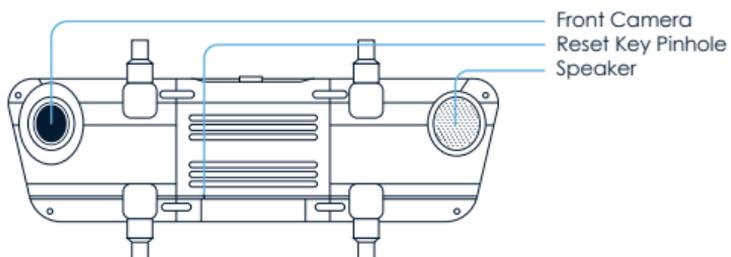
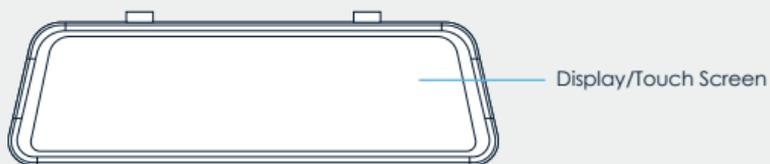
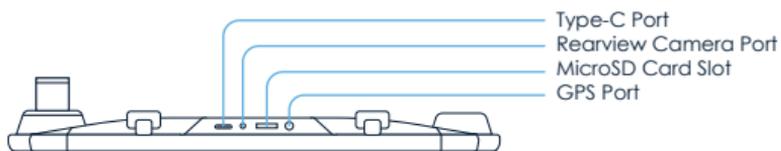
5



6

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- | | |
|---|------------------------------|
| 1. Rexing M2 Max Smart Mirror Dash camera | 4. In-car power cable (12ft) |
| 2. Rexing rear camera | 5. Cable Management Tool |
| 3. GPS Logger | 6. User Manual |
| | 7. Warning Sticker |
-

Camera Overview



Designation Description of Functions

Power Button

In connection with an external power source, in the power-off state, press and hold the power button on the bottom for three seconds to start the device. In a power-on state, press and hold the power button for three seconds to switch off the device.

In a power-on state, press this button quickly to turn the screen backlight off. Press it again to turn the backlight on.

Display / Touch Screen

Except for power - on/off operation, all other primary functions can be accessed on the LCD touch screen.

Reset Key

If the device crashes, unplug the power source, OR stick a pin into the reset slot labeled R on the back of the device to resume normal operation.

Type-C

Power Port

GPS Port

Plug the included GPS Logger into the GPS port to utilize the location tracking function.

Micro SD Card Slot

A slot for inserting a MicroSD card

Front Camera

Front camera faces the same direction as the front of the vehicle and captures videos/images in front of the car.

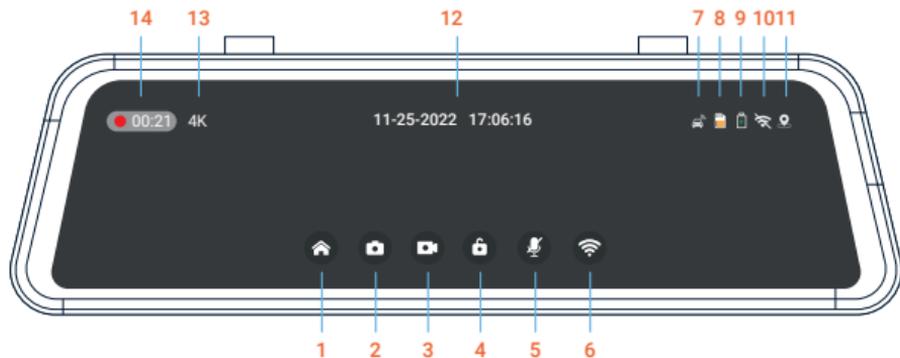
Rear Camera Port

Rear camera plug-in port labeled AV port on the top of the device.

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. Home
2. Audio Recording On/Of
3. Capture Snapshot
4. Start/Stop Recording
5. Lock/Unlock Video
6. Tap to Activate WiFi
7. G-Sensor
8. Memory Card Inserted
9. Battery Charging
10. WiFi Not Connected
11. GPS Signal Not Connected
12. Date & Time
13. Resolution
14. Recording Duration

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.

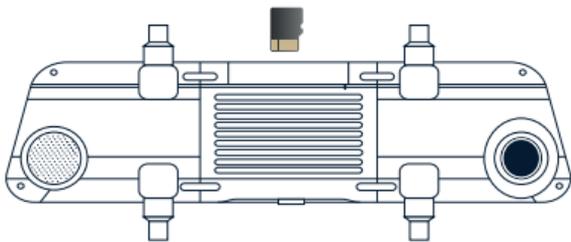
Get Started

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 Max 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.

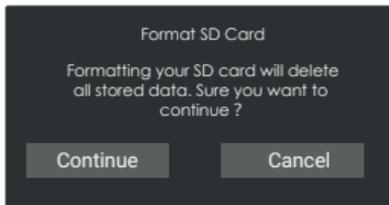
It is recommended that you reformat the memory card every time images are transferred to the computer, or at least once a month.

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

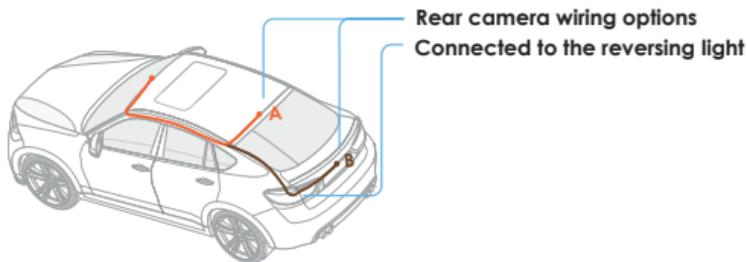
Before removing a memory card from your dash cam, you must first unmount it for safe removal.

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

1. 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.
2. 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.

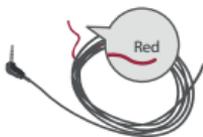


The rearview camera has two wire routing options as shown in the above figure. The first part of both options is characterized with concealing the wire routing against the edges of the door(s).

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.



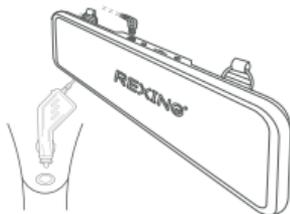
Note:

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.

5. 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 Operation

I. Video Mode



- | | |
|--------------------------|------------------------------|
| 1. Home | 8. Memory Card Inserted |
| 2. Audio Recording On/Of | 9. Battery Charging |
| 3. Capture Snapshot | 10. WiFi Not Connected |
| 4. Start/Stop Recording | 11. GPS Signal Not Connected |
| 5. Lock/Unlock Video | 12. Date & Time |
| 6. Tap to Activate WiFi | 13. Resolution |
| 7. G-Sensor | 14. Recording Duration |

Video Recording Operation

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



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  at the same time.



Press the icon again to unlock the current video and the icon changes to the unlocked icon .



Press the icon to stop audio recording.



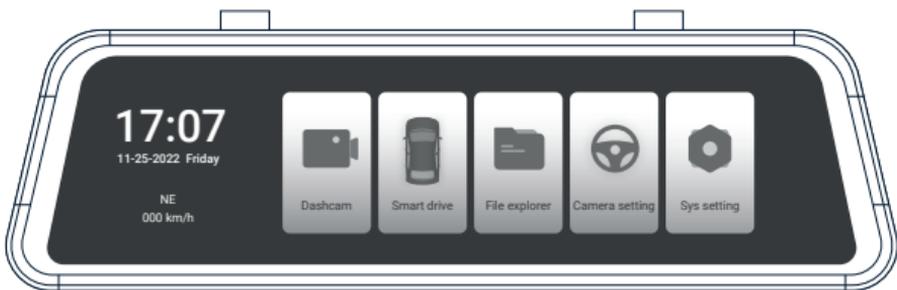
Touch the icon again to start audio recording.



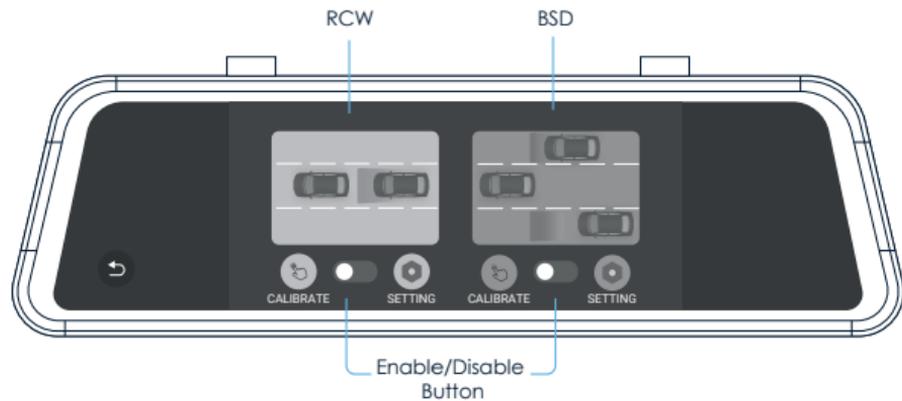
Swipe left/right to reveal front and rear camera

II. Home Interface

Choosing the home button brings you to the home screen where you can find smart drive, file explorer, camera settings, and system settings



III. Smart Drive



Outline

RCW refers to Rear-End Collision Warning. This warning system will trigger an alert when an object or vehicle is detected by the rear camera.

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).

RCW 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 **RCW** 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 **RCW** and the blind spot monitoring range.

Before using **RCW and BSD** 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:

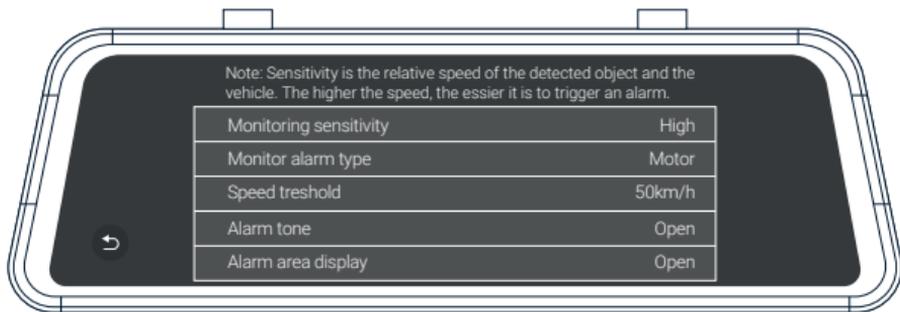
The system is a safe driving assistant system and it cannot be used as a proof for the liability of traffic accidents.

BSD Calibration

- 1 Smart Drive
- 2 Turn on BSD
- 3 Choose Calibrate under BSD
- 4 Read Calibration Directions and choose Next
- 5 Use the arrows on screen to set the view correctly.
- 6 Once set correctly so that the yellow box lines up with the red area, choose save,
- 7 Success
- 8 Save results and exit
- 9 End

Setup Steps:

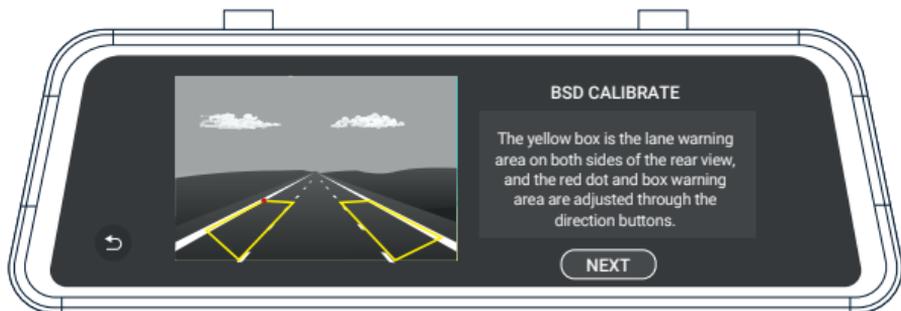
1. Open the smart driving application and turn on BSD (blind spot detection). The button turns from gray to red.
2. Click  to access the BSD setup page. Click the option Monitoring sensitivity and select the appropriate option (a default value may be used). Monitoring sensitivity refers to the relative speed of the detected object and the vehicle.



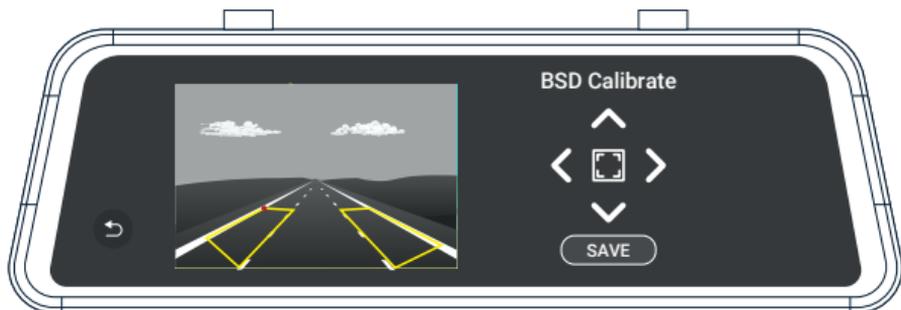
3. Click  to access the BSD calibration page. You will initially see the concept and a brief introduction on the calibration page. Click Next to access the real calibration interface, as shown below. Move the red line up or down align with the horizon (the intersection line between the sky and ground). 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 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.



4. When the adjustment is accurate as shown above, save

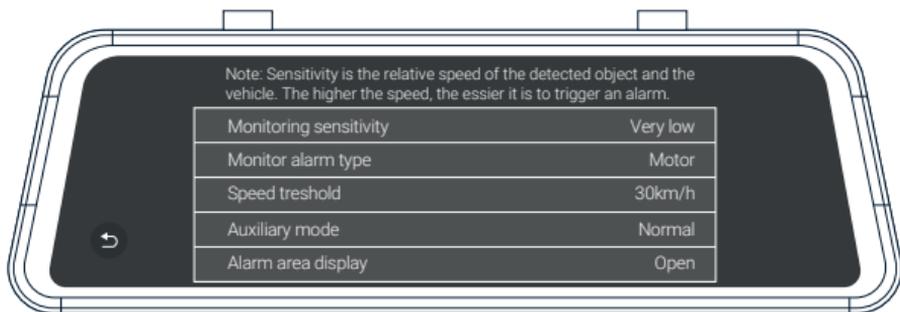


RCW Calibration

- 1 Smart Drive
- 2 Turn on RCW
- 3 Calibrate RCW
- 4 Read Calibration directions and choose next
- 5 Use arrows to establish the correct view
- 6 Once correct view is established choose save
- 7 Move the box left or right to adjust blind spot warning range
- 8 Save the result and exit
- 9 End

Setup Steps:

1. Open the smart driving application and turn on RCW (Rear Collision Warning). The button turns from gray to blue.
2. Choose settings under RCW (Rear Collision Warning). to complete the setup. 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.



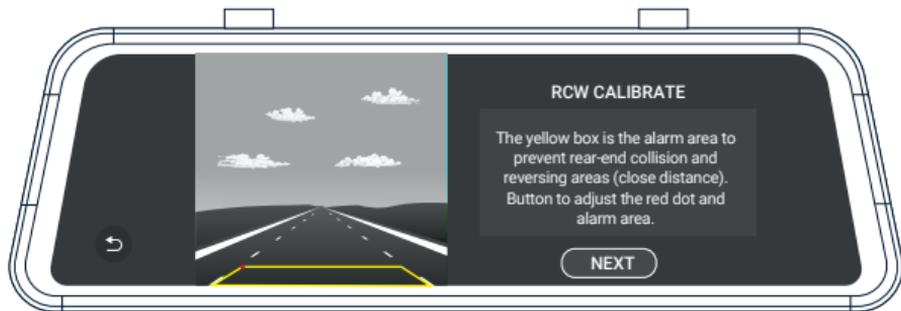
3. Click the option *Monitoring Sensitivity* and select an appropriate option (a default value can be used). Warning Sensitivity means that when any vehicle is detected within the set warning range, an alarm is activated if the driving speed of the following vehicle is greater than that of the car.

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 greater than the car.

4. Click  to access the RCW 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.

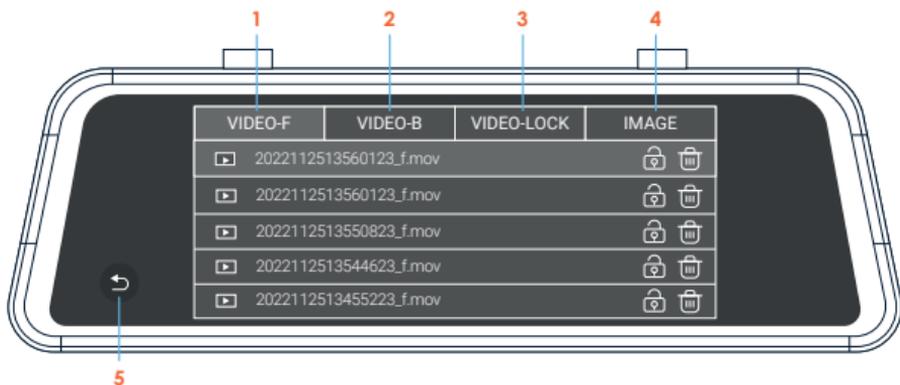
Note:

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 or perform fine adjustments of the lens so as to align

6. Warning Range

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 making the appropriate adjustments. Only in this way can the calibration data be saved.

V. Playback Mode (File Explorer)



Key Functions

1. Front camera video file
2. Rear camera video file
3. Locked video file
4. Image files
5. Return to home

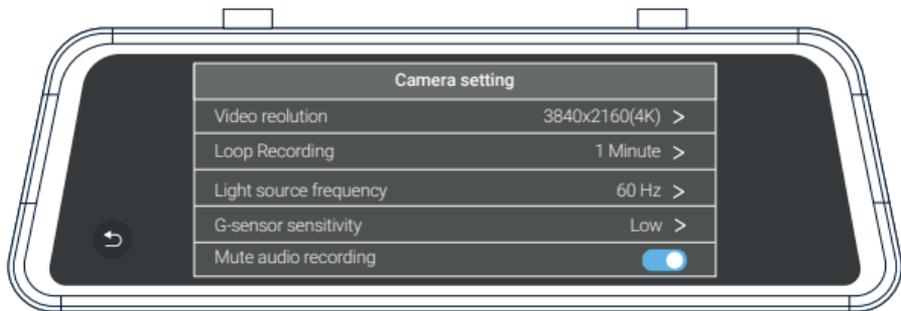
Enter the file list interface and touch the icon to lock a video file. For a locked video file, touch the icon to unlock the file. For unwanted video and picture files, touch the icon to delete the file. To play a video file, touch the file name. During playback, touch the icon to pause it. Touch to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

VI. Camera Settings



- **Video Resolution:** 4K Front + 1080P Rear
- **Loop Recording:** 1, 2 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.
- **Frequency:** 50HZ, 60HZ
- **G-sensor Sensitivity:** High, Moderate, Low, Off

Note:

The gravity sensor can pick up on when the car shakes violently or receives an impact and the system will automatically save the current recording as a protected file. This feature performs the same function as the manually activated emergency lock. If the emergency mode is not activated automatically, touch the  icon during recording and apply the manual lock to protect the current video file.

- **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  icon on the video recording interface.

- **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.

- **Time Stamp:**

Off, On

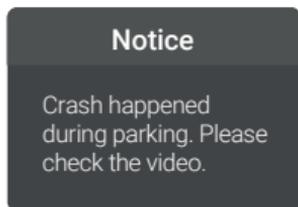
- **Parking Monitor (On, Off):**

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 (Intelligent hardware kit required).

The characteristics and precautions of the parking monitor are as follows:

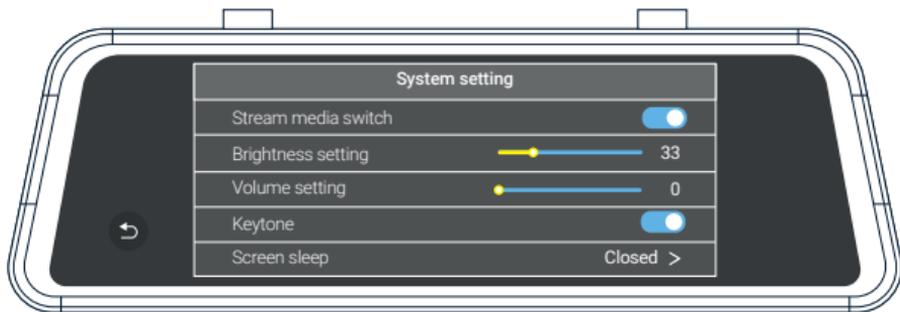
1. With the use of the smart hardware kit (sold separately). After the car engine is turned off, the smart hardware kit detects the power loss and sends a command to the host device. The system enters a standby state. The mini USB plug must always be kept connected to the USB port of the device so as to ensure a constant power supply to the smart hardware kit.
2. In parking mode, the dash cam will turn on, record a 15s video, lock the video, and then turn off again. When a recording is started, the screen does not light up and there is no booting sound.

3. When the engine is restarted and the parking monitor has been activated, a prompt will be immediately indicated as shown below:



4. Monitoring files are saved in the folders VIDEO_F_LOCK and

VII. System Setup



- **Wi-Fi:**
On, Off.
- **Stream Media:**
When this feature is switched on, the full screen rearview camera image is displayed after starting the device.
- **Brightness Setup:**
10-100 Sets the brightness of the screen.
- **Volume Setup:**
0, 1, 2, 3, 4 Sets the audio volume of the
- **Screensaver:**
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
- **Speed Unit:**
km/h or mph Sets the speed unit.

- **Key Tone:**
Off, On
- **Daylight Savings Time:**
Off, On
- **Language Setup:**
English, Chinese, Japanese, and other languages.
- **Time Zone Select:**
Select your timezone.
- **Time Setup:**
System time
- **Satellite Information:**
Check GPS information status and GPS signal condition.
- **System Formatting:**
Confirm,

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. Settings made by the user will be altered.

Parking Monitor (Parking Surveillance Mode)

Parking monitor provides surveillance on your parked vehicle.

Option 1: Vibration Detection

Please select your preferred mode from 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. Rexing Smart Hardwire Kit Need (UPC : 857080006565)

Time Lapse Recording:

The camera will continue recording in time lapse mode even when the vehicle's engine is turned off. Using the smart hardwire kit to activate this feature ensures low power consumption, protecting your car battery from excessive drain

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.

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 MORION is cleared.

Please go to

<https://www.rexingusa.com/hwk-install/>

to watch a video tutorial about the installation or scan the QR code



Monitoring files are saved in the folders VIDEO_F_LOCK

Check Recorded Files with a Computer

1. Unplug the used MicroSD card and place it into a card reader
2. Connect the card reader to the USB port of the computer. Open the removable disc and you will see the following file folders
 - **PICTURE:** Pictures 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 road tracks

Note:

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

4. To play videos or browse pictures, your computer must have the necessary software available.
5. 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.

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](https://www.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

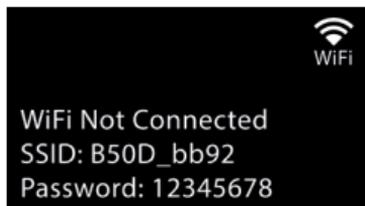
Please download GPS logger player through the link OR Scan the QR Code below.



Wi-Fi Connect

Step 1

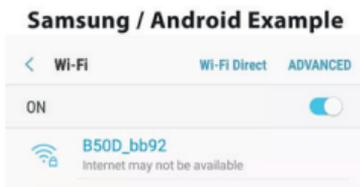
To enable the Wi-Fi feature, go to system settings, find Wi-Fi, and choose On.



Step 2

On your mobile device, navigate to your Wi-Fi settings. Connect to your dash cam's Wi-Fi by tapping its name when it appears. Enter your dash cam's Wi-Fi password if you are prompted to do so.

Note: On some mobile devices, you may have to try to connect more than once. To ensure you've successfully connected, your mobile device's screen should resemble the example shown.



Step 3

Once you're connected to the dash cam, open the Rexing Connect app on your mobile device.

Please select "Keep Trying Wi-Fi" if you see the notification on the right.



Step 4

In the app, hit the "Connect" button to connect to your dash cam, allowing you to access live view and view/download your recordings.

Note:

To disable Wi-Fi, go to system settings, find Wi-Fi, and choose OFF.

Rexing Connect App

Easily download the app by scanning the QR code below or search via the App Store or Google Play.



Wi-Fi Connect Troubleshooting

If you bring up the Rexing connect app and cannot connect your phone to the dash cam please go to

<https://www.rexingusa.com/wifi-connect/>

OR scan the QR code below.



Product Specifications

Display

IPS Touch Screen

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

3840 X 2160(4K)

Available languages

English, Chinese, Japanese, and other languages.

G-SENSOR

Yes

Loop recording

1, 2, 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	Check the plug to the cigarette lighter or check the charger fuse for continuity
Device fails to record video or take a	<ul style="list-style-type: none">• MicroSD card is not inserted or recognized by the• Card error notice/please format• Insufficient space notice when taking a	<p>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.</p> <p>Format MicroSD storage card</p> <p>Delete some files or unlock to release storage space, or format MicroSD card.</p>
Video does not play smoothly	Slow reading speed of the card reader or insufficient system ROM of the	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 Max 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

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!

FCCID: 2AW5W-M2MAX

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

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