REXING®

W303
User Manual

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

www.rexingusa.com

Overview

Thank you for choosing REXING! We hope you love your new product as much as we do.

If you need assistance, or have any suggestions to improve it, please contact us. You can reach us via care@rexingusa.com or call us at (203) 800-4466. Our support team will respond you as soon as possible.

Always a surprise in Rexing. Check us out here.

https://www.facebook.com/rexingusa/
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Facebook   Instagram   Site   Product Support

Safety information

To prevent injury to yourself or others, or damage to your device, read all safety information before using.

⚠ Warning

Failure to comply with safety warnings and regulations can result in serious injury or death.

REXING Dash Cam is not intended to be touched, modified, or calibrated while operating a vehicle. REXING is not responsible for any damages resulting from the user's misuse of the camera.

Do not use damaged power cords or plugs, or loose electrical sockets. Faulty connections can cause electric shock or fire.

Do not touch the car charger with wet hands or disconnect the charger by pulling the cord. Doing so may result in electrocution.

Do not use a bent or damaged car charger. Doing so may cause electric shock or fire.

Do not use your device while it is charging or touch your device with wet hands. Doing so may cause electric shock.

Use only manufacturer-approved chargers, accessories, and supplies.

- Use only the manufacturer-approved charger specifically designed for your device. Using an incompatible charger can cause serious personal injury or damage to your device.
- REXING cannot be responsible for the user's safety when using accessories or supplies that are not approved by REXING.

Do not drop the charger or device, or subject them to impact. Handle and dispose of the charger and device with care.
- Never crush or puncture the device.
- Never dispose of the device in a fire.
- Never place the device in or on heating devices, such as microwave ovens, stoves, or radiators. The device may explode if overheated. Follow all local regulations when disposing of a used device.
- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device and charger from damage.
- Avoid exposing your device to excessive cold or heat. Extreme temperatures can damage the device and reduce the charging capacity and life of your device.
- Do not allow children or animals to bite or chew the device. Doing so can result in fire or explosion, and small parts can be a choking hazard. If children use the device, make sure they use the device properly.
- Never use a damaged charger.

⚠ Caution

Failure to comply with safety precautions and regulations can result in property damage, serious injury or death.

Do not use your device near other electronic devices. Most electronic devices use radio frequency signals. Your device may interfere with other nearby electronic devices.

Do not use your device near other devices that emit radio signals, such as sound systems or radio towers. Radio signals from these may cause your device to malfunction.

Do not expose the device to heavy smoke or fumes. Doing so may damage the outside of the device or cause it to malfunction.

If you notice strange smells or sounds coming from your device, or if you see smoke or liquid leaking from the device, stop using the device immediately and take it to a REXING Service Center. Failure to do so may result in fire or explosion.

For your own safety, do not operate the controls of this product while driving. The window mount is needed when using the dash cam in a car. Make sure that you place the dash cam in a location where it will not obstruct the driver's view.

Always keep the camera lens clean, and ensure that the lens is not blocked by any object or placed near any reflective material. If the car's windshield is tinted with a dark coating, recording quality may be affected.

Your device is recommended for use and store within a temperature range of 15 degrees Fahrenheit to 150 degrees Fahrenheit, and a humidity range of 10% to 80%.

If your device becomes overheated, allow it to cool down before use. Prolonged exposure of skin to an overheated device may cause low-temperature burn symptoms, such as red spots or areas of darker pigmentation.

Install mobile devices and equipment with caution.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories in or near an airbag deployment area. Improperly installed wired equipment can cause serious injury in a situation where airbags inflate rapidly.

Do not drop your device or subject your device to impact. If the device is bent, deformed or damaged, malfunction may occur.

Do not attempt to disassemble, repair, or modify your device.
- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take it to an authorized REXING Service Center.

Clean your device and charger by wiping with a towel or eraser. Do not use chemicals or detergents. Doing so can discolor or corrode the outside of the device, and may result in electric shock or fire.
Do not distribute copyright-protected material. Doing so without the permission of the content owners may violate copyright laws. The manufacturer is not responsible or liable for any legal issues that result from the user's illegal use of copyrighted material.

Correct disposal of this product

(applicable in countries with separate waste collection systems)

 Waste Electrical & Electronic Equipment

This symbol, found on the device, accessories or accompanying literature, indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for information on where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

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Warm Prompt

We recommend that you carefully read this manual before using the dash cam, then read it again with the dash cam in your hands as this will help you to familiarize yourself with its many features. The dash cam is constantly improved over time, so the specification of the dash cam may change.

Please note that each button has multiple functions so please be careful which Buttons you press in relation to each Mode / Function. There is no need to get frustrated because you should only do this once in order to set it up in the way that you require.

1. Please ensure that the dash cam is SWITCHED OFF when you either insert or remove a Micro SD Card, in order to avoid damage.

2. Please ensure that the Micro SD Card is inserted in the right way. If it is inserted backwards, it might damage the dash cam and card.

3. If the Micro SD Card is not compatible with the dash cam, please DO NOT insert it again, as you will damage the Card and the dash cam. Please buy the correct card and then try again.

4. The dash cam supports the Micro SD card from 32GB to the highest 128GB, Class 10 only.

5. Adjust the position of the lens to ensure that you correctly record what you want.

6. We recommend a 32 GB Class 10 Micro SD Card for this dash cam.

7. In video recording mode, if you want to press Menu / Mode button, please stop recording videos first by pressing the Video Recording button.

8. We recommend using default factory settings, once the MENU has been set, then connect the car charger to the unit and put into the card. Once the car is started, the unit will automatically start recording. Once the car turns off, the unit will automatically stop recording. Please note that your vehicle's Cigarette Lighter Sockets do not have any power when the ignition is switched OFF.

9. This dash cam must be continuously connected to a power supply via a 5V Charger because there is no built-in battery.

10. If you turn the option of SCREEN SAVER ON, in video recording mode, when the screen is switched Off, the dash cam is still recording. You can turn the screen on by pressing power button.

11. If you want to playback the videos, we recommend unplugging your micro SD card and plugging into your PC with card reader. We recommend using VLC Video player

on

Windows OS, and Movist + VLC on MAC OS.

12. After several weeks of daily recording it may be necessary for you to format your Micro SD Card - if that is the case, please note that you will lose all of your files, so please back up a copy on your computer first in a unique dash cam Folder that you have created.

13. When your dash cam crashes / screen goes black, the phenomenon may be caused by

improper operation, crash, please press the R = Reset button, hole by the top corner, gently with a cocktail stick. Just like you would do for a computer, printer, phone, etc.

14. Dash cam only supports the micro SD card with the FAT32 file format. If you use the 64GB or 128GB card, you must format your micro SD card on the dash cam before you

can use it.

15. We recommend formatting your micro SD card once a month, and replace the micro SD card every three months because the memory card has a certain number of reads and writes, if it reaches the numbers, the micro SD card can't be used.

16. Please use Samsung EVO or SanDisk High Endurance Micro SD Card. Please don't use SanDisk Ultra cards with our cameras.

Device Layout

1. Power Slot
2. Micro SD Card Slot
3. Rear Camera Slot
4. Reset Button
5. Menu Button & Mode Switch Button
6. Video & Audio Recording Button
7. Power & Screen On/Off Button
8. Front/Rear Screen Switching & Photo Button
9. Confirm & WiFi Button

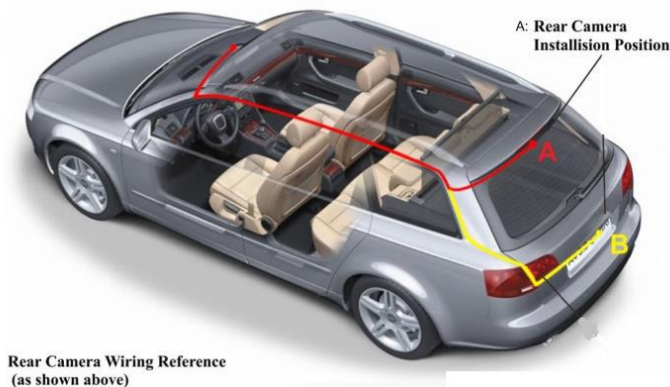| Button	Functions
⏻	• Press to turn on or off screen • Press and hold 3 seconds to turn the device on or off
OK	• Press to confirm a selection while in setting mode • Recording Mode Hot Key: Emergency Lock (Press to manually lock/unlock the video file during recording) • Press and hold 3 seconds to turn on/off WiFi feature
M	In Standby Mode, stop recording first • Press Once/Twice/Three Times to switch between settings and WiFi information, press again to exit menu • Press and hold 3 seconds to switch between videos/photos playback modes, press and hold again to return standby mode
⊙/◄	• Press to navigate UP through options in settings mode • Press to start / stop recording • Press and hold for about 2 seconds to change the settings between on/off/auto of the infrared lights
►/□	• Press to navigate DOWN through options in settings mode • Press to switch screen between front, inside, rear, picture in picture • Press and hold for about 2 seconds to take a photo
⟳	Press and hold for 5 seconds to reset the device in the event that it operates erratically, hangs up, or freezes

Installation

1. Attaching the camera to the window mount

Before the device can be used in a car, it is essential to first install a properly attached window mount. Make sure that you place the recorder in a safe, appropriate location where it will not obstruct the driver's view.

2. Mounting the rear camera (WATERPROOF)

The rear camera is waterproof and can be installed outside the car. Mount the rear camera as shown below, connect rear camera to the main unit.

A: Rear Camera Installision Position

Rear Camera Wiring Reference (as shown above)

Red Wire: It's not necessary to connect the red wire to the power source. If you want to use the rear camera as a backup camera, it's recommended to connect the red wire to your reverse lights so the

image of rear camera switch only when the vehicle is in reverse.

3. Connecting the charger to the vehicle's 12V-24V DC outlet

Be sure to connect only the REXING-approved charger designed and supplied specifically for use with your device. Using an incompatible charger can cause serious personal injury or damage to your device.

4. Inserting a memory card

You will need to insert a memory card before you can begin recording. The dash cam supports Micro SD cards with a capacity of up to 128GB. For reliable operation, use a Class 10 memory card with a capacity of at least 32GB.

5. We recommend formatting the micro SD card on the Dash Cam before use.

6. Using 64GB or 128GB card

If you use the 64GB or 128GB card, you must format your micro SD card on the dash cam before you can use it.

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

Inserting the memory card

Your device accepts memory cards with a maximum capacity of 128GB. Depending on the memory card manufacturer and type, some cards may not be compatible with your device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored on it.

Please let the screen of the W303 dash cam face you.

• Insert memory card with the gold-colored contacts facing you.
• Push the memory card into the slot until it locks in place.

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

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

Removing the memory card

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

Before removing a memory card from your device:
1. Press the video recording button to stop the device from recording
2. Press and hold ⏻ the ON/OFF button to switch off the device
3. Gently push the memory card in and let go until it unlocks

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.

Formatting the memory card

We recommend formatting the card on dash cam before using.

1. Press the video recording button to stop the device from recording
2. Press the MENU button twice to enter System Settings
3. Press the DOWN button to navigate to the "Format" option
4. Press OK to confirm your selection

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.

Resolution

The dash cam can record videos in Two or Three channels.

Three Channels Mode
Front Camera Resolution: 1080P.
Inside Camera and Rear Camera in the same video file Resolution: 2304x648.

Two Channels Mode
Front Camera Resolution: 1080P.
Inside Camera Resolution: 1080P.

Loop Recording

With loop recording mode enabled, the device will continuously erase older video as it records new video, keeping only the videos captured over a user-selected time range. All video older than this range will be replaced with new video. (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 videos 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 videos.

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.

1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Loop Recording" option
3. Press OK to view the current selection: 1min /2min / 3min
4. Press the UP or DOWN button to make your selection
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

Recording Audio

You may choose to record audio with video, or turn off the microphone so that all recorded videos will be muted.
1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Recording Audio" option
3. Press OK to view the current On/Off status for this feature
4. Press the UP or DOWN button to enable or disable this feature
5. Press OK to confirm your entry

6. Press MENU to exit System Settings

Alternatively, you can use a hot key shortcut for this feature. Press and hold the Video Recording button for about 3 seconds to mute / unmute the microphone for video recording.

IR LED
Use the following procedure to turn on or off the Infrared Lights.
1. Press MENU once to enter Settings
2. Press the UP or DOWN button to navigate to the "IR LED" option
3. Press OK to confirm your entry
4. We recommend using the Auto option

Video Mode
Use the following procedure to switch the dash cam to Two and Three Channels.
1. Press MENU once to enter Settings
2. Press the UP or DOWN button to navigate to the "Video Mode" option
3. Press OK to confirm your entry
4. We recommend using the Auto option

Gravity Sensing
If a change in gravitational forces is detected, such as in the event of a vehicular accident, the g-sensor will signal to the camera, and an automatic file lock will be placed on the current video, preserving your most crucial footage.

Note: Locked video files won't be erased by Loop Recording, they will remain on the memory card until they are manually deleted, or when the card is formatted.

1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Gravity Sensing" option
3. Press OK to view the current Off/High/Middle/Normal/Low status for

   this feature
4. Press the UP or DOWN button to enable or disable this feature
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

Beep Sound

Allows you to turn the device's button sound effect on or off.
1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Beep Sound" option
3. Press OK to view the current On/Off status for this feature
4. Press the UP or DOWN button to enable or disable this feature
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

Volume

Increase or decrease the volume of your dash cam.

1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Volume" option
3. Press the up or down button to increase or decrease the volume of your dash cam.

Date/Time Setup

Use the following procedure to change the device's time and date:
1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Date/Time Setup" option
3. Press OK to view date/time in the format: YYYY/MM/DD HH:MM:SS
4. Press the UP or DOWN button to change the highlighted number
5. Press OK to move to the next date/time segment and repeat step 4
6. Press OK again to confirm your entry
7. Press MENU to exit System Settings

Date Format

Use the following procedure to change the device's date format:
1. Press MENU once to enter System Settings
2. Press the UP or DOWN button to navigate to the "Date Format" option
3. Press OK to view Date Format in the format: None/YYYY MM DD /MM DD YYYY/DD MM YYYY
4. Press the UP or DOWN button to enable or disable this feature
5. Press OK again to confirm your entry
6. Press MENU to exit System Settings

Language

Use the following procedure to change the device's Language.

1. Press MENU twice to enter System Settings
2. Press the UP or DOWN button to navigate to the "Language" option
3. Press OK to view the current language selection
4. Press the UP or DOWN button to change the selection
5. Press OK again to confirm your entry
6. Press MENU to exit System Settings

Light Frequency

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).

1. Press MENU twice to enter System Settings
2. Press the UP or DOWN button to navigate to the "Light Frequency" option
3. Press OK to view the current selection: 50Hz / 60Hz
4. Press the UP or DOWN button to change your selection
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

Screen Saver

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

1. Press MENU twice to enter System Settings
2. Press the UP or DOWN button to navigate to the "Screen Saver" option
3. Press OK to view the current selection: 1min / 3min / OFF

4. Press the UP or DOWN button to make your selection
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

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

Format

Performing this operation will format the memory card, clearing it of all files.

Note: Locked videos will also be cleared, so ensure you have backed up your important footage before formatting the card.

If you use the 64GB or 128GB card, you must format your micro SD card on the dash cam before you can use it.

1. Press MENU twice to enter System Settings
2. Press the UP or DOWN button to navigate to the "Format" option
3. Press OK to confirm your entry
4. Press MENU to exit System Settings

Reset

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

1. Press MENU twice to enter System Settings
2. Press the UP or DOWN button to navigate to the "Reset" option
3. Press OK to view YES / NO confirmation for this operation

4. Press the UP or DOWN button to make your selection
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

Version

Displays the current device firmware information.

WiFi

With the dash cam built-in Wi-Fi, you can use your smart device as a remote camera, viewfinder, and download files to your phone.

1. Press MENU twice to enter System Settings
2. Press the UP or DOWN button to navigate to the "WiFi" option
3. Press OK to view On / Off confirmation for this operation
4. Press the UP or DOWN button to make your selection
5. Press OK to confirm your entry
6. Press MENU to exit System Settings

Alternatively, you can use a hot key shortcut for this feature. In standby mode, press and hold the OK button for 3 seconds to turn on or off.

Wi-Fi Connecting Instruction

Downloading the Wi-Fi App

• The Wi-Fi app is available to download for free at the Apple App Store™ and Google Play Store™.

• Android users: Enter the Google Play Store™, search for 'TMcam' or 'Rexing Connect' download and install, following this user manual to connect the Wi-Fi and operate.

• iPhone users: Enter the Apple App Store™, search for 'TimaCam' or 'Rexing Connect', download and install, following this user manual to connect the Wi-Fi and operate.

Pairing the camera to your device

1. Turn on the dash cam, please stop recording first by pressing the Video Recording button, then you can operate other buttons, please press the Menu button twice, you will find the WiFi option, enter and turn it on.

2. Press the Menu button again to switch to the WiFi information mode, the LCD will show the Wi-Fi SSID and password.

3. Search for a Wi-Fi hotspot on your smartphone/tablet, select the network and you will be prompted for a password; enter '12345678' to proceed.

4. Open the application on your smartphone/tablet.

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.

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