

035-0740

**RELOAD**

# 1080P DASHBOARD CAMERA



Please read this manual carefully before using and keep it for future reference.

**INSTALLATION AND  
OWNER'S MANUAL**

# CONTENTS OF THE MANUAL

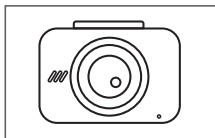
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# INTRODUCTION

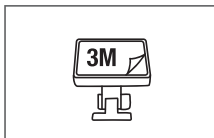
Thank you for purchasing the RELOAD camera which captures real time video of events happening outside your vehicle while driving. Mounted on your car's windshield, the camera records video in FHD 1080P to ensure all the moments of your trip are recorded. This User Manual will give you step-by-step instructions and advice to help you get the best experience from your new device. Please read it carefully before using the dash camera.

## PACKAGE CONTENTS

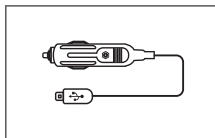
The RELOAD dash camera package includes the following items:



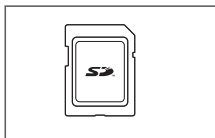
1x Dash Camera



1x Bracket with Built-in Magnets and 3M Adhesive Backing



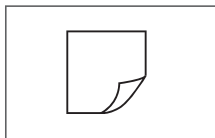
1x 12V Cigarette Lighter Power Cable



1x Card Adaptor



1x 32GB Memory Card Included



2x Electrostatic Film

# FEATURES

FHD 1080P recording @ 30fps resolution  
2.35 inch colour LCD screen  
Magnetic Mount  
32GB MicroSD memory card included  
Support memory card up to 64GB  
G-sensor and Motion Detection  
Continuous Loop Recording  
Built-in Capacitor Battery

## SAFETY PRECAUTIONS

These usage and safety guidelines are IMPORTANT! Please follow them carefully to ensure your own personal safety and help protect your dash camera from potential damage.

- For in-car use only.
- It's dangerous to operate the dash camera while driving. Please always operate the camera when the car stops.
- Avoid using or storing the dash camera in an extreme temperature environment.
- Only use the provided car adaptor. Using the other car adaptors may cause unknown problems.
- If your car's lighter socket continues to provide power after the engine is switched off, unplug the dash camera when the engine is off or idling to reduce unnecessary power consumption and prevent any unexpected problems.

### Mounting Location

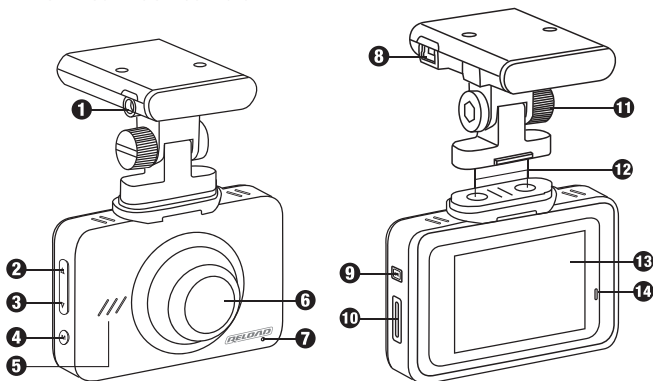
- Never place the dash camera where the driver's view or deployment of airbags is obstructed.
- Mount the dash camera within range of the windshield wipers to ensure clear visibility in rain.

### Backing up Data

- RELOAD never takes any responsibility for data loss or damage during operation. We strongly advise that you back up the important data in your memory card to a computer or other storage medium as soon as possible.
- To ensure Hi-Speed USB 2.0 data transfer rates when connecting your dash camera to a computer, please check that the computer has the 2.0 USB drivers or above.

# GETTING STARTED

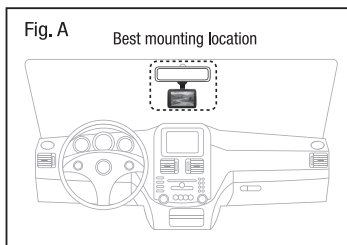
## 1. Know Your Dash Camera



No.	Description	No.	Description
1	Expansion port	8	Mini USB power input port
2	Up navigation button	9	OK button
3	Down navigation button	10	Memory card slot
4	M button	11	Adjustment knob
5	Speaker	12	Built-in magnets
6	Lens	13	Display
7	Reset hole	14	Status indicator

## 2. Mounting The Camera

- (1) Determine the installation location first. It is recommended to place cameras around the mirror area for a better view. (Figure A)



## GETTING STARTED

- (2) Thoroughly clean the mounting area on the windshield with a clean cloth.
- (3) Attach the electrostatic film to the cleaned area.
- (4) Attach the bracket to the camera with the built-in magnets. (Figure B)



Note that the protrusion on the bracket pointed by the arrow should face the inside of the vehicle.

- (5) Use the provided 12V cigarette lighter power cord to connect the camera to the car 12V socket.
- (6) Peel off the 3M sticker on the bracket, then stick the device on the electrostatic film. Then adjust the angle of the camera for the best view. After adjusting the camera position, tighten the knob.
- (7) Please organize the power cord. (Figure C)

Fig. B

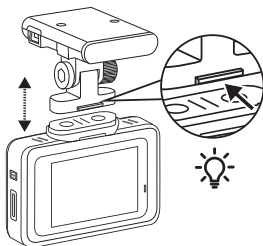
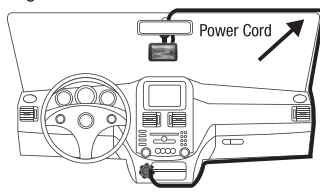


Fig. C



- Make sure the lens is within windshield wiper area to have the clear video quality in raining days.
- Don't install the device within the area of air safety bag. Our company is not responsible for any damage or injury caused by air safety bag.
- Don't install the device on the area that will have any interference on electronic products.

**3. Remove the camera from the bracket. Before turning on the camera, insert the MicroSD memory card into the camera's card slot.**

# GETTING STARTED



- Please use a MicroSD memory card with up to 64GB capacity.
- Please insert a MicroSD memory card when the camera is off. Otherwise, the camera is not able to identify the memory card.
- To remove MicroSD card, push to eject the card out of the slot.
- It is suggested to format your memory card before the first use in this camera.
- Please format the memory card regularly to ensure smooth video recording and playback. Formatting every 3 months is recommended.



Do not remove the memory card during recording or shutdown to avoid damage to the memory card and the recorded videos.

The following table shows the maximum recording time based on memory card capacity and recording resolution (for reference only):

Card Capacity	FHD1080P@30fps	720P@30fps
8GB	31 mins	48 mins
16GB	62 mins	96 mins
32GB	124 mins	192 mins
64GB	248 mins	384 mins

## 4. Turn your car power on to power the camera.

When a memory card is inserted into the camera and the power is turned on, the camera will automatically enter the recording state. The red LED indicator blinks to indicate recording is in progress.

4.1 Short press to pause/resume recording.

4.2 During recording, long press to manually lock the video currently being recorded.

The locked file will not be overwritten by the loop.

4.3 Short press during video recording to turn off/on the audio recording function.

## 5. You will be asked to set the language, date, time, and format the MicroSD memory card.

5.1 Press and to select language.

5.2 Press and to set date/time, then press to go to the next step.

5.3 Press to format the memory card.



If you don't choose to format the memory card when you turn on the dash camera for the first time, the next time you turn on the camera, the system will still prompt you until you choose to format.

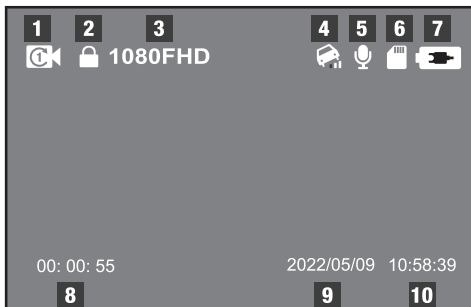
## GETTING STARTED

6. When the 12V car power is turned off, the dash camera will automatically save the current recording and power off.



On some cars, the lighter socket continues to provide power after the engine is switched off. If this happens, unplug the camera when the engine is off or idling to reduce unnecessary power consumption and prevent any unexpected problems.

## RECORDING SCREEN

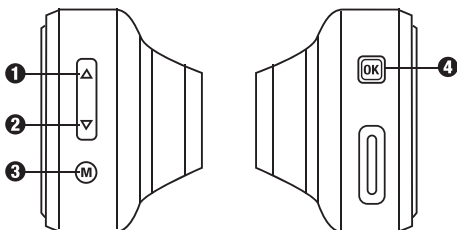


- 1** Loop Recording
- 2** Lock Video
- 3** Video Resolution
- 4** G-Sensor
- 5** Audio Recording

- 6** Memory Card
- 7** Power Indicator
- 8** Recording Time
- 9** Date
- 10** Time



# FUNCTION BUTTONS IN DIFFERENT MODES



## Buttons and Icons

	Recording Mode	Recording Pause	Photo Mode
▲			
▼	Short press to turn off/on audio recording		
M	Long press to lock the current video	<ul style="list-style-type: none"> <li>• Short press to switch between photo/playback/video mode</li> <li>• Long press to enter the settings menu</li> </ul>	
OK	Pause / Record		Photo Shooting

	Playback Mode	Setting Menu	Power On/Off
▲	Select video/photo	Select	
▼			
M	<ul style="list-style-type: none"> <li>• Long press to enter options (delete/lock/unlock)</li> <li>• Short press to return</li> <li>• Short press again to exit the playback mode</li> </ul>	<ul style="list-style-type: none"> <li>• Short press to return</li> <li>• Short press again to exit the playback mode</li> </ul>	
OK	Playback / Pause	Confirm	<ul style="list-style-type: none"> <li>• Short press to power on</li> <li>• Press and hold for 3 seconds to power off</li> </ul>

# DEFINITION OF LED INDICATORS

LED Color	Status	Definition
Red	Steady on	Power on
	Off	Power off
Blue	Steady on	Recording paused
	Blinking	Recording

## MENU SETTINGS

In the recording state, short press **[OK]** to pause the recording, (or in the photo mode) long press **[M]** to enter the setting interface. Press **[▲]** and **[▼]** to select, and press **[OK]** to confirm. Short press **[M]** to return, and short press **[M]** again to exit the menu setting interface.

- **Video Resolution:** 1080P FHD and 720P HD can be selected, and the system defaults to 1080P FHD.
- **Loop Recording:** Off, 1 Minute and 3 Minutes can be selected, the system defaults to 1 Minute.
- **Photo Resolution:** 12M (4032x3024), 8M (3264x2448), 5M (2592x1944), 2M (1920x1080) can be selected, and the system defaults to 12M.
- **Video Audio:** Off and On can be selected, and the system defaults to On.
- **Key Tone:** Off and On can be selected, and the system defaults to On.
- **Time Setting:** Date and time can be set.
- **Date Marker:** Off and On can be selected, and the system defaults to On.
- **Language:** Choose between English and Français.
- **Gravity Sensor:** Select Off, Low, Medium and High options, the system defaults to Low. G-sensor does not work when it is selected to be off, and the current video is not automatically locked when the vehicle collides.
- **Motion Detection:** Off and On can be selected, and the system defaults to Off. When the on state is selected, the recording will stop when there is no object moving in front of the camera. Press **[OK]** to exit motion detection mode, and the camera resumes recording.
- **Screen Saver:** Off and 1 Minute can be selected, the system defaults to 1 Minute.
- **Automatic Shut-Down:** Off, 1 Minute, 3 Minutes and 5 Minutes can be selected, and the system defaults to Off.
- **Light Source Frequency:** 50Hz and 60Hz can be selected, the system defaults to 60Hz.

## MENU SETTINGS

- **Memory Card Format:** You can choose whether to format the memory card.
- **Restore Factory Settings:** You can choose whether to restore the system to factory settings.
- **Firmware Version:** You can view the firmware version.

## LOOP RECORDING


Insert the MicroSD memory card into card slot, camera will start recording automatically once the car engine is turned on.

Loop recording default setting: 1 Minute

With Loop Recording enabled (by default), the oldest files in the memory card will be overwritten by new video files when memory card is full.

## EMERGENCY RECORDING


In emergency recording mode, the dash camera records data after the event occurs and protects the emergency file from being overwritten. The emergency files are saved as "read only" files along with the normal video files in chronological order.

When emergency recording is activated, the emergency record symbol  will show on the display while the current video file is protected.

### Emergency recording will be activated under the following two situations.

- 1) **G-Sensor event recording:** During video recording, if the dash camera detects an impact, it will automatically activate emergency recording mode.

If the G-Sensor sensitivity is set to "High Sensitivity", even minor shocks will be detected. If the G-Sensor sensitivity is set to "Low Sensitivity", it will only detect significant shocks. G-Sensor sensitivity can be adjusted or disabled in the Settings menu.

- 2) **Manual emergency recording:** During video recording, press button "" to activate the emergency recording function manually.



The system uses 30% of the total capacity of the memory card to store locked video files. When the locked file exceeds 30%, the locked video will also be automatically covered in a loop according to the recording time of the video.

## PHOTO MODE

During video recording, press **[OK]** to pause the video recording, and then short press **[M]** to switch to the photo interface.

Press **[OK]** to take a picture.

Long press **[M]** to enter the setting interface.

Short press **[M]** to switch the video/photo/playback modes.

## PLAYBACK FUNCTION

During recording, press **[OK]** to pause the recording, and then short press **[M]** twice to switch to the playback interface.

Press **[▲]** **[▼]** to select the video/photo to be played back. Press **[OK]** to play back the content or pause the playback.

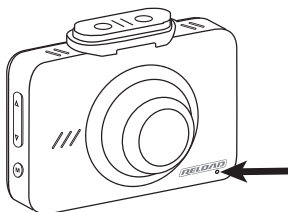
After entering the playback interface, long press **[M]** to enter the setting interface. Press **[▲]** **[▼]** to select, press **[OK]** to delete, lock or unlock the video/photo.

Short press **[M]** to exit the playback setting interface.

Short press **[M]** again to switch the video/photo/playback mode.

## RESET THE DEVICE

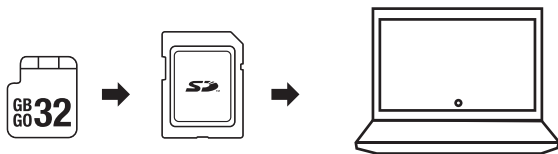
If the device display is suspended and doesn't react to any button press, you can use a needle or sharp pointed object to press "Reset" button to reset the device.



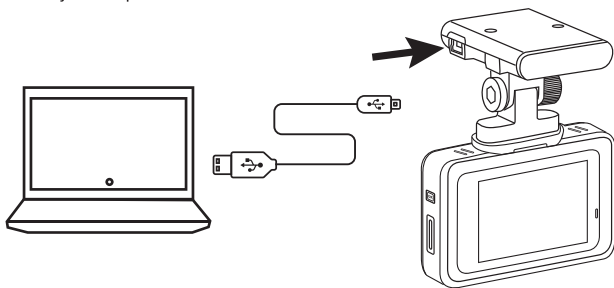
# TRANSFER FILES TO A COMPUTER

To transfer files between the dash camera memory card and your computer:

Option 1: Take the MicroSD memory card out of the camera and use a card adaptor to transfer files to your computer.




Option 2: Connect the camera to the computer, and you will see a new storage device in your laptop. To transfer videos, simply drag-and-drop files from the folder of the camera to the local driver of your computer.



To prevent data loss, always follow the proper removal procedures when disconnecting the dash camera from your computer.

# TROUBLESHOOTING

Problem Description	Solution
Can't turn on, the LED indicators don't light up	Check all power cord connections
	Check whether the output of the 12V cigarette lighter socket in the car has power
	Check whether the magnetic bracket and the camera are connected correctly. See "Getting Started" section 2.4
The system prompts that the video cannot be recorded	Formatting the memory card on this camera
	Convert the memory card format to FAT32 format on the computer
	Replace with new memory card
A memory card error message is displayed during video recording	Formatting the memory card on this camera
Crashes during video recording, no response when pressing any button	Reset this camera
	Formatting the memory card on this camera
	It is recommended to replace with a higher speed memory card (Class 10 or above)
The dash cam goes black after a few minutes of work, but the blue LED is blinking	This is normal and the screen saver function is activated. If you need to keep the screen always on, please turn off the screen saver in the settings
The screen of the dash cam is blurred and black in the video	Formatting the memory card on this camera
	Restore the dash cam to factory settings
	It is recommended to replace with a higher speed memory card (Class 10 or above)
Uneven black borders on the top and bottom of the recorded video	Formatting the memory card on this camera
	Restore the dash cam to factory settings
The recorded video has no sound	Turn on recording audio in system settings
	During video recording, short press  to turn on/off audio recording

# SPECIFICATIONS

Screen Size	2,35 inch
Video Resolution	1920 x 1080P @ 30fps
Video Format	MPEG
Video File Format	AVI
Image File Format	JPG
Image Ratio	4:3
Input Voltage	5V DC
Rated Current	≤350mA
Rated Power	≤1.75W
Working Temperature	-10~60°C
Storage Temperature	-20~70°C
Working Humidity	15~85 %rh
Maximum supported memory card capacity	Up to 64GB



**This product contains 3.7V Li-ion battery.**

**Don't dispose in fire.**

**Battery MUST be recycled or disposed of properly.**

## **WARRANTY**

**Always keep your receipt as proof of purchase!**



**We're here to help! You are covered with a one year manufacturer's warranty against defects in workmanship and materials. If you have any questions or comments call our toll-free hotline:**

**1 877 466 8191** for help.