

SKU# 035-0174-4 (RSI305865G)

**RELOAD**

## FULL HD DASHBOARD CAMERA



### *Care!*

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

Installation and  
Owner's Manual

# Contents of the Manual

2
2
2
3
4
7
7
8
8
9
11
12
13
14
15

# Introduction

Thank you for purchasing RELOAD dash 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 Full HD 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:***

- Dash camera
- Mount base with suction cup
- Car adapter
- USB cable to connect with PC
- 8GB MicroSD memory card and card adaptor

## Features

- Full HD 1080P recording @ 30fps resolution
- 2.0 inch color LCD screen
- 140 degree wide angle lens (diagonal)
- Free 8GB MicroSD memory card
- Support memory card up to 64GB
- Screenshot function lets you capture picture while recording
- Emergency recording

# 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 adapter. Using the other car adapters 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

- Canadian Tire 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



- 1 MicroSD card slot
- 2 Reset button
- 3 Indication light
- 4 Display
- 5 Power/Menu button
- 6 Record/Next
- 7 Emergency recording /OK button



- 8 Mount bracket
- 9 HD out
- 10 Microphone
- 11 Micro USB Output
- 12 Lens
- 13 Speaker

## 2. Mounting the camera

- 1) Decide the mounting location--It's suggested to put the device around the area of rear view mirror to have better view.
- 2) Clean mounting area of the windshield thoroughly with a piece of clean cloth.
- 3) Attach the camera to the mounting bracket and tighten the screw (Fig. A).
- 4) Connect the camera with car 12V socket with the provided car adaptor.
- 5) Attach the device to the desired windshield location and then adjust the camera position to have the best view. Screw the knob tightly after the camera position is adjusted.
- 6) Please organize your car adaptor cables (Fig. B).

Fig. A

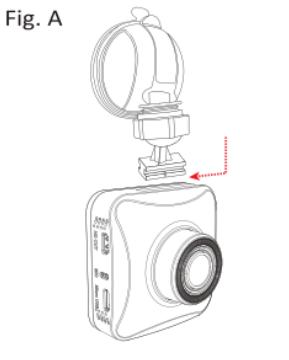
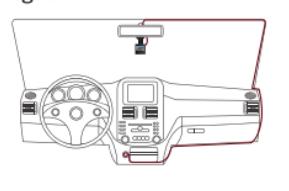


Fig. B



### Note:

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

# Getting Started

### 3. Insert the MicroSD Memory Card into the card slot of the camera before you start recording.

#### **Note:**

1. Please use a MicroSD memory card with up to 64GB capacity.
2. Please insert a MicroSD memory card when the camera is off. Otherwise, the camera is not able to identify the memory card. When it occurs, please turn off the camera (pressing the power button for 5 seconds) and then turn it on again.

The following table shows approximate recording time based on capacity and resolution (for reference only):

Card Capacity	FHD1080P@30fps	720P@60fps	720P@30fps
8GB	1hr 10(±12) min	2hr 20(±12) min	2hr 20(±12) min
16GB	2hr 20(±24) min	4hr 40(±24) min	4hr 40(±24) min
32GB	4hr 40(±48) min	9hr 20(±48) min	9hr 20(±48) min
64GB	9hr 20(±80) min	18hr 40(±12) min	18hr 40(±12) min

#### **Note:**

*64GB memory card has to be formatted in this camera before use.*

### 4. Turn your car power on and the camera is powered on accordingly. Take the camera off the bracket and start setting.

# Getting Started

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

- 5.1 Please press **●** to choose desired language and then press **▲** to confirm.
- 5.2 To set Date/Time, please press **▲** to change the Date/Time value, and then press **●** to move to the next field.
- 5.3 To format the MicroSD card, press **○** to enter main menu interface, press **●** until "SD" is chosen, and then press **▲** to enter System Setup interface. Press **●** multiple times until **SD** is chosen, press **▲**, then you will see two options. Press **●** to choose **SD** and confirm by pressing **▲**. Press **○** twice to return back to recording screen. Press **●** to start recording.



- 5.4 To remove MicroSD card, push to eject the card out of the slot.



### **WARNING!**

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

## 6. The dash camera will start recording when the car is powered. When the 12V car power is out, the dash camera will automatically save the current recording and power off.



### **WARNING!**

*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 Video Mode             | 7 Time                 |
| 2 Video Resolution       | 8 Date                 |
| 3 Recording Indicator    | 9 Exposure Data        |
| 4 Recording Time         | 10 Loop Recording      |
| 5 Audio Status           | 11 Emergency Recording |
| 6 MicroSD Card Indicator |                        |

# Function Buttons in Different Modes



Mode	A	B	C
Recording Mode	Power ON/OFF* Screen Shot	Stop Recording	Emergency Recording
Standby Mode	Power ON/OFF* Setting Menu	Start Recording Switch to Photo Mode*	Emergency Recording
Photo Mode	Settings/Back	Take Photos Switch to Video Mode*	N/A
Setting Mode	Back	Next	OK or Changing Setting Values

\*Press and hold the button for 5 seconds.

## LED Indicator Reference Chart

LED Status	Definition
Solid Red	Standby
Flashing Red	Recording

## Loop Recording

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. To disable Loop Recording, please enter setting menu to operate.

## 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 file is saved in folder DASH \ MOVIE \ RO. The dash camera can save up to 30% of total files and an old emergency file can be overwritten by a new emergency file after the folder is full.

When emergency recording is activated, the emergency record  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.

**Note:**

*The oldest emergency files will be overwritten by new emergency files when the emergency folder is full.*

# Menu Operation

Press  (under standby mode) to enter setup menu and there are four sections for operation:



## 1. Video Setup

Press  to choose the setting menu and press  to confirm or change setting values.



**Resolution:** Set the resolution/quality for video recording.

**Available options:** 1080P at 30fps / 720P at 60fps / 720P at 30fps



**Loop Recording:** Set the recording length of each recorded video file.

**Available options:** 1 Min / 3 Mins / 5 Mins / OFF



**EV(Exposure Value):** Adjust exposure composition value to lighten or darken the preview screen.

**Available options:** +2.0 / +1.5 / +1.0 / +0.5 / 0 / -0.5 / -1.0 / -1.5 / -2.0



**Motion Detection:** If there is no moving object detected for 1 minute, the recording will stop automatically. The camera will start recording again when it senses the moving objects in front of the car.

**Available options:** ON / OFF



**Movie Audio:** Turn on/off the microphone during video recording.

**Available options:** ON / OFF



**G-sensor:** Adjust the sensitivity of the G-Sensor.

**Available options:** OFF / Low / Middle / High



**Date Stamp:** Put date information on the video.

**Available options:** ON / OFF

## 2. Photo Setup

Press  to choose the setting menu and press  to confirm or change setting values.

-  **Image Size:** Adjust the image size.  
**Available options:** 16M / 12M / 10M / 8M / 5M / 3M / 2M / 1.3M
-  **Image Quality:** Adjust the image quality. The better quality, the larger image size.  
**Available options:** Super fine / Fine / Normal
-  **Sharpness of the Photo:** Adjust the sharpness of the photo.  
**Available options:** Strong / Normal / Soft
-  Adjust white balance.  
**Available options:** Auto / Cloudy / Daylight / Fluorescent / Tungsten
-  Adjust ISO date.  
**Available options:** Auto / 100 / 200 / 400
-  **EV(Exposure Value):** Adjust exposure composition value to lighten or darken the preview screen.  
**Available options:** +2.0 / +1.5 / +1.0 / +0.5 / 0 / -0.5 / -1.0 / -1.5 / -2.0
-  **Date Stamp:** Put date information on the video.  
**Available options:** ON / OFF

## 3. Playback

Press  to choose the setting menu and press  to confirm or change setting values.

-  Play current video.
-  Slide show pictures & files at chosen interval seconds.  
**Available options:** 2 Seconds / 5 Seconds / 8 Seconds
-  Protect and protect files.  
**Available options:** Protect current file / Unprotect current file / Protect all files / Unprotect all files
-  Previous file & next file.
-  Delete file.  
**Available options:** Delete current file / Delete all files

# Menu Operation

## 4. System Setup

Press  to choose the setting menu and press  to confirm or change setting values.

 **Auto Power off:** The camera will turn off automatically if the camera is standby for pre-set minutes.

**Available options:** OFF / 1 Minute / 3 Minutes

 **Beep Sound:** Set the sound on/off when operating on the camera buttons.

**Available options:** ON / OFF

 **Setting date and time:** Set the current date and time.

 Set the on-screen display menu language.

**Available options:** English / French

 Set duration for display to automatically turn off after recording begins.

**Available options:** OFF / 1 Minute / 2 Minutes

 **Frequency:** Select the appropriate frequency to avoid flashing A/C light (60Hz for N.A. market; 50Hz for Asian and European market).

**Available options:** 50Hz / 60Hz

 **Format:** Format the MicroSD memory card.

**Available options:** Cancel / Ok

 **Format Warning:** It's suggested to format the microSD card regularly to release the storage capacity of the memory card.

**Available options:** OFF / 15 Days / 30 Days / 60 Days

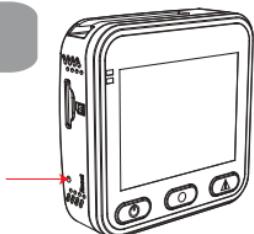
 **Default Setting:** Reset all settings to factory default settings.

**Available options:** Ok / Cancel

 **Version:** Shows firmware version.

## Reset the Device

If the device display is suspended and doesn't react to any button press, you can use a needle or sharp point 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 with computer with the provided USB cable, 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.



## WARNING!

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

# Troubleshooting

If a problem occurs with your dash camera, please first check the information listed below. If you are unable to solve the problem with the trouble shooting information, please contact 1 877 466 8191 for help.

## **The camera can't be powered on**

Check the followings:

1. Is your car power system on? If not, please turn on the car power.
2. Is the camera connected to a valid 12V socket with the provided 12V car adaptor? Is the connection solid?

## **My computer's operating system cannot detect my dash camera**

Check the following:

1. Is your dash camera properly connected to the USB port? If not, unplug it and plug it in again. Make sure the USB port is connected on both ends, as shown in the User's Manual.
2. Is your dash camera connected to the Mac keyboard? If yes, unplug it and plug it into an available USB port on your Mac Desktop.
3. Is the computer's USB port enabled? If not, refer to the user's manual of your computer (or motherboard) to enable it.
4. Please check whether the memory card has problem. You can remove memory card and insert it into a card reader and then check whether your computer can detect your memory card.

## **I was using my dash camera, now no buttons are responding (hangs / lags / stalls)**

1. Try unplugging the car adapter from your dash camera, then reconnecting it to your dash camera again. Please ensure you use the car adapter provided in the package because the car adaptor from your other devices may not be compliant with this dash camera.
2. Reset your camera. Please refer to "Reset" instruction in the manual.

## **My dash camera cannot read videos on my memory card**

Edited and deformed videos may not display properly on your dash camera.

## **The camera shows "Card Error" or remind me to format the memory card**

Please format the memory card as instructed. If the same phenomenon appears, it is possible that the memory card is broken or doesn't work for this camera. Please change to a new memory card and try.

# Specifications

Build-in Image Sensor	2.0 Megapixel Sony IMX323 Sensor
Angel of View	140° (Diagonal)
Shooting Resolution Rate	FHD 1920 x 1080 @ 30fps HD 1280 x 720 @ 60fps; 1280 x 720 @ 30fps
Video Compression Format	H.264 MOV
HDMI Output	HDMI V1.3A
Screen Size (LCD Display)	2"
Storage Temperature	-40 °C to 70 °C
Operating Temperature	-20 °C to 65 °C
Operating Humidity	15% to 65% (RH)
Capacity of Memory Card	8GB to 64GB
Standard Working Voltage	DC 5V
G-Sensor	Yes
Power	Capacitor + RTC Battery
Data Transfer	USB2.0



***This product contains 3V 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 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.