RELOAD

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

🎧 1 877 466 8191

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 HD 720P 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
8GB MicroSD memory card and card adaptor

Features

HD 720P recording @ 30fps resolution
FHD 1080P recording @ 24fps resolution (interpolated)
2.0 inch color LCD screen
125 degree wide angle lens (diagonal)
8GB MicroSD memory card
Support memory card up to 32GB
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.
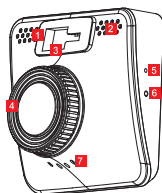
Mounting Location

- 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.

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1. Know your dash camera

1 Microphone
2 Ventilation
3 Mount Bracket
4 Lens
5 Reset
6 Indication Light
7 Speaker
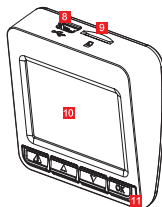
8 Mini USB Slot
9 Micro SD card slot
10 Display
11 Buttons

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.
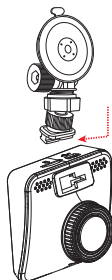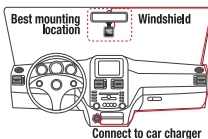6) Please organize your car adaptor cables (Fig. B).

Fig. A

Fig. B

Best mounting location   Windshield

Connect to car charger

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.**

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 32GB 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 unplug the car charger to turn off the camera and plug the car charger to turn on the camera again.
3. To avoid breaking down the file recorded, don't eject the Micro SD Card immediately after powering off.
4. It is suggested to format your memory card before the first use in this camera or format the memory card periodically to release the storage capacity.

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

Card Capacity	FHD1080P@24fps	1080P@30fps	720P@30fps	VGA@30fps
8GB	53 (±12) min	43 (±12) min	1hr 6 (±12) min	1hr 19 (±12) min
16GB	1hr 44 (±24) min	1hr 24 (±24) min	2hr 10 (±24) min	2hr 35 (±24) min
32GB	3hr 35 (±48) min	2hr 35 (±48) min	4hr 29 (±48) min	5hr 20 (±48) min

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

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

5.1 Choose language by pressing ▲ ▼ & OK .

5.2 Set Date/Time by pressing ▲ ▼ & OK .

5.3 To format the Micro SD card, press ▼ to enter "Set" menu. Find "Format" option and choose OK to format the card.

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
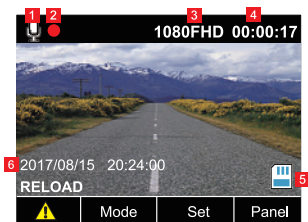
1 Audio Recording Indicator

2 Video Recording Indicator

3 Video Resolution

4 Recording Time

5 Micro SD Card Indicator

6 Date and Time

Function Buttons in Different Modes

Different status	Buttons function	Different status	Buttons function
Recording Mode	⚠ Enter Emergency recording mode ▲ Enter photo mode ▼ Enter menu setting mode OK LCD screen ON/OFF (Press & hold buttons for 5 seconds: Mic on/off)	Playback Files Selected Mode	⚠ Enter playlist mode ▲ Delete selected video file or photo ▼ Lock / Unlock video / Photo file OK Stop / Play
Photo Mode	⚠ Enter recording mode ▲ Enter Playlist ▼ Photo resolution menu list OK Photo shooting	In File Playback Mode	⚠ Enter playback files selected mode ▲ Fast Reverse ▼ Fast Forward OK Stop / Play
Playlist Mode	⚠ Enter recording mode ▲ Previous ▼ Next OK Confirm video / Photo	Setting Mode	⚠ Back to the previous interface ▲ Previous ▼ Next OK Confirm

LED Indicator Reference Chart

LED Status	Behaviour
Solid Green	Power ON, standby, not recording
Flashing Green	Power ON, recording
Green Off	Power Off, not 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.

1. Recording Function

Loop 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 "readonly" files along with the normal video files in chronological order.

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.

Overall Functions

1. Photo Mode

In the recording mode, Press [▲] enter Photo mode, Press [OK] take photo, Press [▼] select photo resolution.

2. Playback Function

In the photo mode interface, Press [▲] enter file playback list, choose video file or photo, Press [OK] playback the file.
In the file selected mode, Press [▲] delete video/photo file.
* Icon 🔒 stands for file is protected and cannot be deleted.
* Once unlock the file, then it can be deleted.

Menu Settings

In Recording Mode, Press [▼] enter menu list setting mode

- **Resolution:** Set the resolution / quality for video recording.
  Available options:
  1080FHD 1920x1080 / 1080P 1440x1080 / 720P 1280x720 / VGA 640x480

- **Date/Time:** Set the current date and time

- **Date Stamp**
  Available options: On / Off
  Default setting: On

- **Record Audio:** Turn On/Off the microphone during video recording.
  Available options: On / Off
  Default setting: On

- **Beep Sound:** Set the sound On/Off when operating on the camera buttons.
  Available options: On / Off
  Default setting: On

- **EV:** Adjust exposure composition value to lighten or darken the preview screen.
  Available options: -1.0、 -2/3、 -1/3、 +0.0、 +1/3、 +2/3、 +1.0
  Default setting: +0.0

- **Frequency:** Select the appropriate frequency to aviod flashing A/C light. 60Hz for N.A. Market. 50Hz for Asian and European market.
  Available options: 50Hz/60Hz
  Default setting: 60Hz

- **G-sensor:** Adjust the sensitivity of the G-Sensor.
  Available options: Low Sensitivity / Middle Sensitivity / High Sensitivity / Off
  Default setting: Low Sensitivity

- **Language:** Set the on-screen display menu language.
  Available options: English / French
  Default setting: English

- **Screen Saver:** Set the time to turn Off the screen.
  Available options: 1 Minute / 3 Minutes / Off
  Default setting: Off

- **Motion Detection**
  Available options: On / Off
  Default setting: Off
  If this function switched on, camera starts recording. If the situation is still without any movement more than 60 seconds, the camera will stop recording.
  If there is any movement again, the camera will start recording again. Repeated as above.

- **Format:** Format the MicroSD memory card.
  Available options: Cancel / OK

- **Format Warning:** 15 Days / 30 Days / 60 Days / Off
  Default setting: 30 Days

- **Default Setting:** Return menu setting to defaults.
  Available options: Cancel / OK

- **Version:** Shows firmware version.

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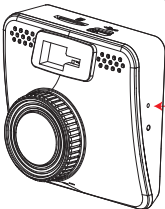
If the device display is suspended and doesn't react to any button press, you can use a needle or sharp point object to press "Reset" button to reset the device.

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 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.

USB cable is NOT included.

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

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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

Processor	NTK96223
Built-in Image Sensor	1.0 Megapixel
Angle of View	125 Diagonal
Shooting Resolution Rate	FHD 1920 x 1080 @ 24fps 1080P 1440 x 1080 @ 30fps 720P 1280 x 720 @ 30fps VGA 640 x 480 @ 30fps
Video Compression Format	M-JPEG AVI
Screen Size (LCD Display)	2-inch
Storage Temperature	-20°C to 70°C
Operating Temperature	-10°C to 60°C
Operating Humidity	15% to 65% (RH)
Capacity of Memory Card	4GB to 32GB
Standard Working Voltage	DC 5V
G-Sensor	Yes
Data Transfer	USB2.0
Power	Capacitor+ RTC Battery

This product include 3.0V Li-ON battery.
DON'T dispose of in fire.
Battery MUST be recycled ordisposed of properly.

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.