

# **HYPERION<sup>®</sup>**

BY Dellran

## **INSTRUCTION MANUAL FOR THE ROAD SNAPSHOT AUTOMOTIVE DASH CAMERA**

**Dash Camera's Wifi Default Passcode : 12345678**



040-1001-HY-WH



**Questions ?**  
**Call customer service hotline**  
**877-456-7901.**

**SAVE THIS OWNERS MANUAL AND READ BEFORE USE.**

# CONTENTS

|   |    |
|---|----|
| Important safety instructions & warnings.....     | 3  |
| Product overview .....                            | 4  |
| Install the Hyperion® dash camera.....            | 5  |
| Recording modes and video files.....              | 7  |
| Viewing and managing videos by Hyperion® app..... | 8  |
| Viewing and managing videos by pc or laptop ..... | 12 |
| Upgrading the firmware.....                       | 14 |
| Troubleshooting.....                              | 15 |
| Product specifications.....                       | 16 |
| Customer support.....                             | 17 |
| Warranty.....                                     | 18 |

## **IMPORTANT SAFETY INSTRUCTIONS & WARNINGS**

- 1) **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions for the Road Snapshot automotive dash camera, 040–1001–HY–WH.
- 2) Do not operate this product while driving a vehicle.
- 3) Do not install this product in a position that may obstruct a driver's view of the road.
- 4) Check with your local state or municipality for any laws that may prevent you from mounting this product to your windshield.
- 5) This product is not designed to be used by children.
- 6) Do not expose this product to direct sunlight or intense light.
- 7) Frequently check the product to ensure it is still located in the correct position.
- 8) Extreme road conditions may alter the position of the camera.
- 9) Do not use chemicals or solvents to clean the product.
- 10) The quality of the video may be affected by the road conditions and or the weather conditions outside, such as sunlight or darkness. The presence of street lights may also affect the quality of the video.
- 11) Hyperion® is not responsible for the loss of any recorded video during operation.
- 12) This device is intended for use only on the inside of a vehicle only.
- 13) Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
- 14) Any modifications to the product will void the warranty.
- 15) This product is not guaranteed to record all events. Use this product for reference only when investigating incidents or accidents.
- 16) Hyperion® is not responsible for any loss caused by an accident or for providing any support regarding the outcome.

# PRODUCT OVERVIEW

Below is a list of items that should be included in your retail box:



1



2



3



4



5



6

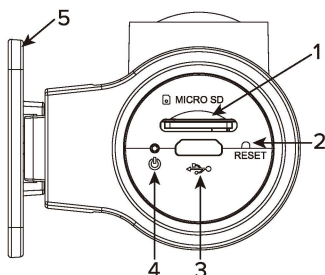


7

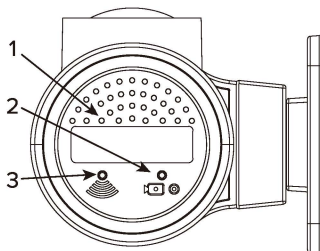
- 1) Dash Camera
- 2) Mounting plate of dash camera
- 3) 12V/24V USB charger
- 4) 16GB memory card and adapter
- 5) Micro USB cable for data transfer to computer or Laptop
- 6) Instruction manual
- 7) Quick guide

## CAMERA FEATURES

### ◆ Side view

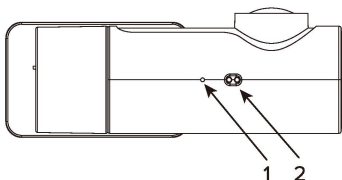


- 1) Memory card slot
- 2) Reset button
- 3) Micro USB Port-Plug in for getting power or data transfer
- 4) Power Indicator light
  - Dash camera is powered ON
  - Firmware upgrade in progress
- 5) Camera mounting plate



- 1) Speaker- Outputs the voice notification to indicate the product's status
- 2) Recording indicator light-
  - Solid red- dash camera has been turned on and is detecting the memory card, but not recording yet
  - Flashing red- dash camera is in recording
- 3) Wifi indicator light-
  - Dash camera has been connected to smartphone via Wifi

## ◆ Bottom view



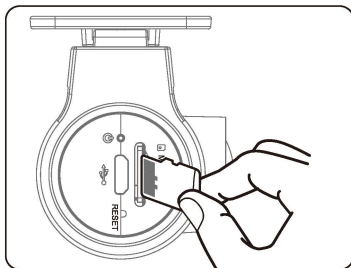
- 1) Microphone- Used for voice recording
- 2) Sensor for gesture snapshot

## INSTALL THE HYPERION® DASH CAMERA

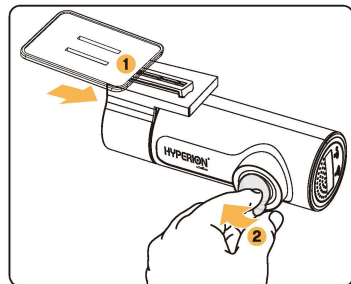
- 1) Turn off the engine, gently push the memory card into the slot until it locks into place.

### NOTE:

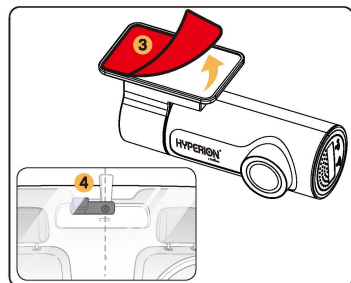
**ENSURE THAT THE MEMORY CARD HAS BEEN INSERTED IN THE CORRECT DIRECTION. THE METAL CONTACTS ON THE MEMORY CARD SHOULD FACE THE OPPOSITE DIRECTION OF THE LENS.**



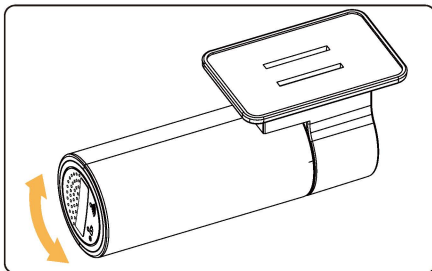
- 2) Attach the mounting plate to the camera by sliding the plate onto the mounting tab on the camera until it snaps into place.
- 3) Align the mount to the mount rail on the product, and then slide it until you hear a click (1). Then, carefully remove the protective film from the lens (2).



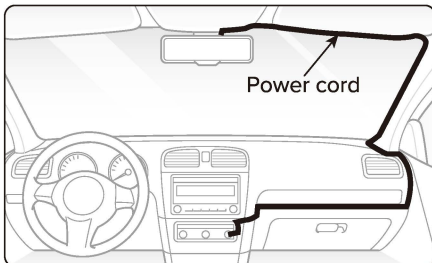
- 4) Peel off the protective film from the double-sided tape on the mounting plate (3) and attach the dash camera to the windshield behind the rear-view mirror (4).



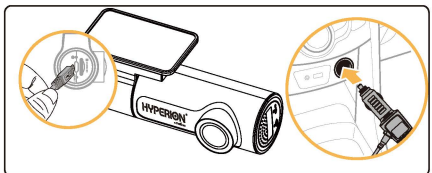
- 5) Adjust the angle of the lens by rotating the body of the dash camera. We recommend pointing the lens slightly downwards ( $\approx 10^\circ$  below horizontal), so as to record video with a 6:4 road to background ratio.



- 6) Use a pry tool to lift the edges of the windshield trim/molding and tuck in the power cord.



- 7) Plug the power cord into the cigarette lighter socket and the dash camera.



- 8) Turn on the engine. The dash camera will power on and start recording. Video files are stored on the memory card. When the memory card fills up, the newest video files will start to replace the oldest video files (called loop recording) – so you will always have the most recent video files.

**NOTE:**

- \* THE LOCATION AND SPECIFICATIONS OF THE POWER SOCKET MAY DIFFER BY VEHICLE MAKE AND MODEL.
- \* IN CERTAIN VEHICLES THE CIGARETTE PORT CONTINUES TO SUPPLY POWER EVEN WHEN THE VEHICLES IGNITION IS OFF. IF YOUR VEHICLE IS CONFIGURED LIKE THIS YOU WILL NEED TO DISCONNECT THE CAMERA TO PREVENT THE VEHICLES BATTERY FROM DRAINING. CHECK THE VEHICLES OWNER'S MANUAL FOR DETAILS.
- \* THIS DASH CAMERA SUPPORTS UP TO 64GB MICROSD MEMORY CARD WITH A SPEED RATING OF CLASS 10, UHS-1 OR HIGHER.

# RECORDING MODES AND VIDEO FILES

Your dash camera will automatically power on and start recording when it is connected to a power source.

## ⚠ CAUTION




Wait until the product is completely booted up after turning it on, and then begin operating the vehicle. The video recording does not begin until the product is completely turned on (booted up).



1) There are 3 recording modes of Hyperion® dash camera, as following:

|                  |   |
|------------------|---|
| Crash detected   | Built-in G-sensor automatically records and locks video file when a collision or crash is detected.<br>The videos will be stored in the " <b>Event</b> " folder.  |
| Loop-recording   | The dash camera records seamless video clips automatically and stored in the " <b>Loop-record</b> " folder.<br>Once the memory card is full. The dash camera overwrites older files in order to maintain uninterrupted recording. |
| Gesture Snapshot | During driving, use hand gesture as a trigger to capture a snapshot on the road, and stored in the " <b>Snapshot</b> " folder   |

2) Video files storage locations

Videos are stored in the following folders of memory card according to their recording mode.

| IN THE MEMORY CARD  |   |   |  |
|---|---|---|--|
|  |  |  |  |
| Event   | Loop-record   | Snapshot  |  |

| This PC > Memory card |   |                  |             |            |
|-----------------------|---|------------------|-------------|------------|
|                       | Name  | Date modified    | Type        | Size       |
| This PC               |   |                  |             |            |
| Windows (C:)          |  Event       | 2018/07/13 20:00 | File holder | 419,873 KB |
| Data (D:)             |  Loop-record | 2018/07/13 20:00 | File holder | 919,873 KB |
| Data (E:)             |  Snapshot    | 2018/07/13 20:00 | File holder | 219,873 KB |
| Data (F:)             |   |                  |             |            |

3) Video file name

A file name is composed of the recording start date and time.

|                  |       | YY | MM | DD | - | HH | MM | SS |      |
|------------------|-------|----|----|----|---|----|----|----|------|
| Event            | EMER- | 18 | 01 | 01 | - | 14 | 00 | 30 | .mp4 |
| Loop-record      | FILE- | 18 | 01 | 01 | - | 14 | 00 | 30 | .mp4 |
| Gesture Snapshot | IMG-  | 18 | 01 | 01 | - | 14 | 00 | 30 | .jpg |

#### 4) Dash camera recording time

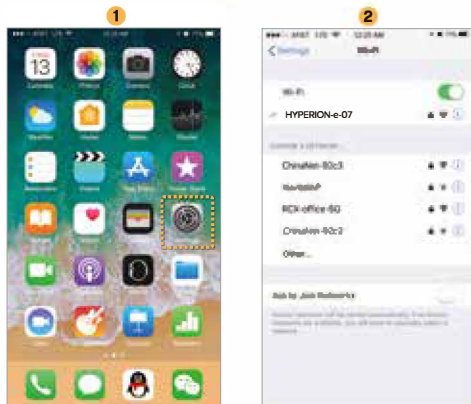
| Memory card capacity | Resolution |      |
|----------------------|------------|------|
|                      | 1080P      | 720P |
| 16GB                 | 2HR 45MIN  | 4HR  |
| 32GB                 | 5HR 30 MIN | 8HR  |
| 64GB                 | 11HR       | 16HR |

#### NOTE:

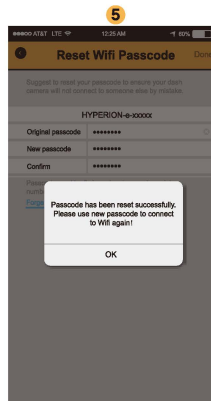
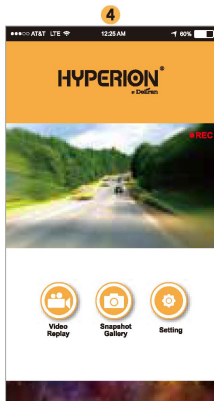
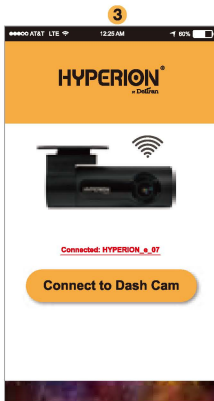
- \* **THIS DASH CAMERA SUPPORTS UP TO 64GB MICROSD MEMORY CARD WITH A SPEED RATING OF CLASS 10, UHS-1 OR HIGHER.**
- \* **ONCE THE MEMORY CARD IS FULL. THE DASH CAMERA OVERWRITES OLDER FILES IN ORDER TO MAINTAIN UNINTERRUPTED RECORDING.**
- \* **TOTAL RECORDING TIME IS DIFFERENT DEPENDING ON THE MEMORY CAPACITY OF THE MEMORY CARD, THE RESOLUTION OF THE VIDEO AND THE NUMBER OF SNAPSHOT PHOTOS SAVED ON MEMORY CARD.**

## VIEWING AND MANAGING VIDEOS BY HYPERION® APP

- 1) Look for the Hyperion® App on the Google Play and Apple App store, and install it on your smartphone.
- 2) Ensure the dash camera had been turned on.
- 3) Go to your smartphone's Settings then select Wifi ( **1** ), and make sure Wifi is turned on ( **2** ).
- 4) Choose your Hyperion® dash camera from the network list. The dash camera's SSID begins with HYPERION-e (e.g. HYPERION-e-\*\*\*\*\*) ( **2** ).
- 5) Enter the password and tap join, **the default password is 12345678**. Then open the Hyperion® APP and click the button "Connect to dash camera" ( **3** ) for get in the main screen ( **4** ).
- 6) Suggest to access "Reset Wifi passcode" on the Settings of Hyperion® APP to reset the passcode before use ( **5** ).



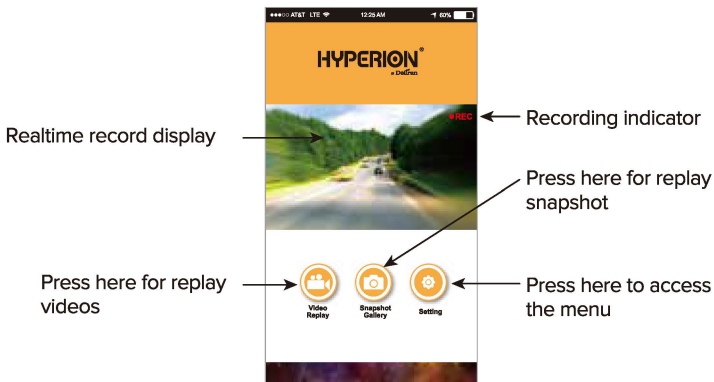




#### NOTE:

- \* DIRECT WI-FI LETS YOU DIRECTLY CONNECT YOUR SMARTPHONE TO YOUR DASH CAMERA VIA WI-FI WITHIN A RANGE OF 10M.
- \* THE HYPERION® APP SUPPORTS DEVICES RUNNING ANDROID 4.4.2 AND HIGHER, OR IOS 9.0 AND HIGHER.

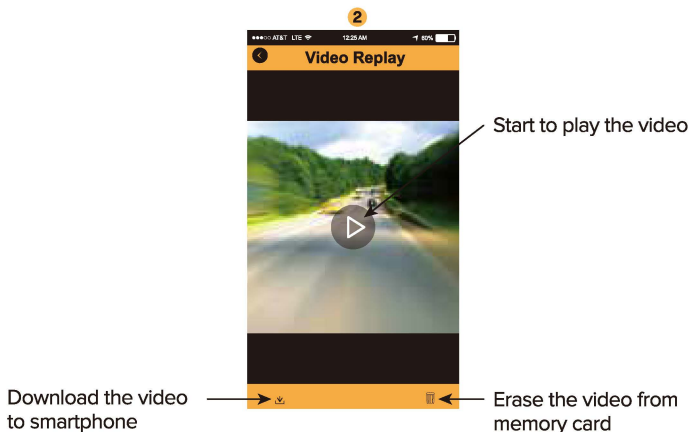
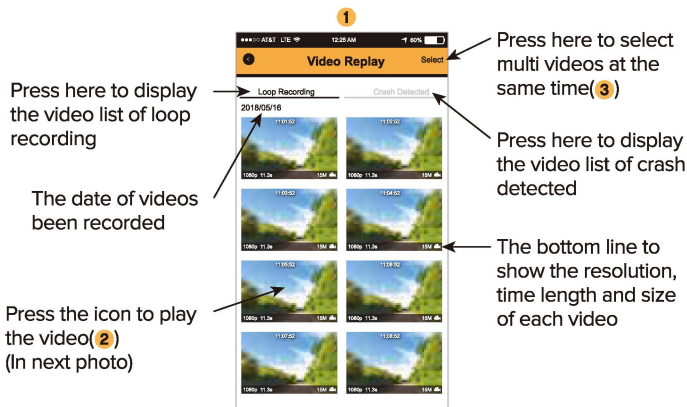
### MAIN SCREEN OF HYPERION® APP (ANDROID/IOS)



## ◆ Video replay

Hyperion® dash camera can record video under 2 categories:

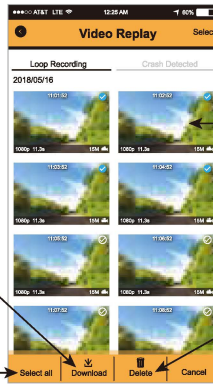
- 1) **Loop recording:** The dash camera records seamless video clips automatically Once the memory card is full. The camera overwrites older files in order to maintain uninterrupted monitoring.
- 2) **Crash detected:** Built-in G-sensor automatically records and locks video file when a collision or crash is detected.



3

Download videos  
been selected to  
smartphone

Select all videos



Touch the icon to select  
the video.  
When the round circle  
turns blue this video has  
now been selected.

Erase videos been  
selected from  
memory card

## ◆ Snapshot gallery



### NOTE:

- \* PLEASE WAVE YOUR HAND HORIZONTALLY 4 INCHES UNDER THE SENSOR TO TAKE A PHOTO, DO NOT EXCEED 5 INCHES. SENSOR MAY NOT WORK IF THE SURROUNDING IS TOO DARK.

Touch icon for selecting  
the photo  
The round circle  
turns blue means this one  
has been selected

Download videos  
been selected to  
smartphone

Select all videos

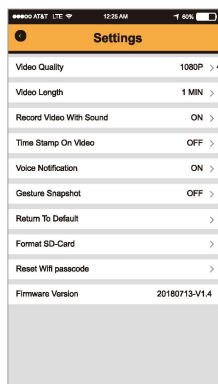


Press here to select  
multi photos at the  
same time

Erase videos been  
selected from  
memory card

## ◆ Setting

Go to the menu to set up the dash camera.



Show existing setting  
in right side

| Item                    | Selection                              |
|-------------------------|--|
| Video quality           | 720P and 1080P                         |
| Video length            | 1 min, 3 mins and 5 mins               |
| Record video with sound | ON and OFF                             |
| Time stamp on video     | ON and OFF                             |
| Voice notification      | ON and OFF                             |
| Gesture snapshot        | ON and OFF                             |
| Return to default       | OK and cancel                          |
| Format SD-card          | OK and cancel                          |
| Reset Wifi passcode     | Change the passcode of Wifi connection |

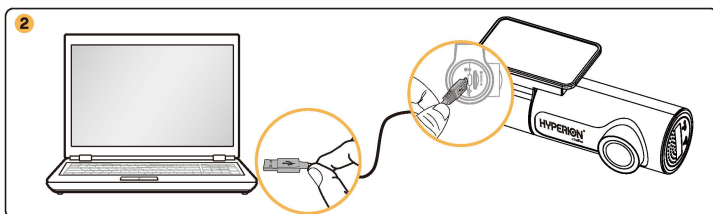
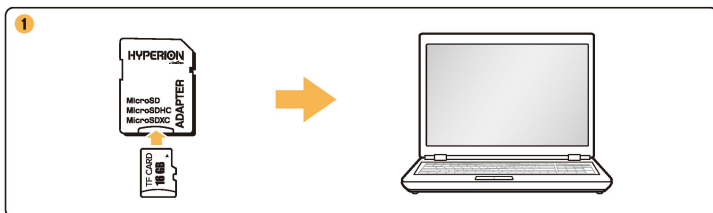
## VIEWING AND MANAGING VIDEOS BY PC OR LAPTOP

You can view and manage the recorded video on your PC or Laptop, as the sequence on below.

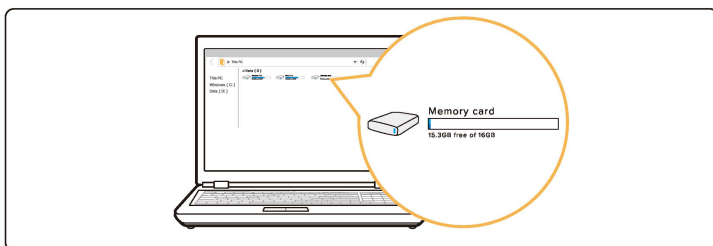
- 1) Unplug the power cord to turn off the dash camera.
- 2) Connect the dash camera and PC or Laptop by using Micro USB cable included in the packaging (2), Or

Either gently press on the memory card to release the lock then carefully pull the memory card out from dash camera

Then use the included memory card adapter to connect the card to a computer.(1)



3) Open the memory card in you PC or Laptop, and use any media player that supports to MP4 file to play back the video.

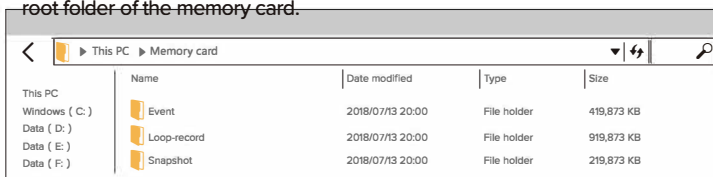


| This PC > This PC > Memory card |             |                  |             |            |
|---------------------------------|-------------|------------------|-------------|------------|
|                                 | Name        | Date modified    | Type        | Size       |
| This PC                         |             |                  |             |            |
| Windows (C:)                    | Event       | 2018/07/13 20:00 | File holder | 419,873 KB |
| Data (D:)                       | Loop-record | 2018/07/13 20:00 | File holder | 919,873 KB |
| Data (E:)                       |             |                  |             |            |
| Data (F:)                       | Snapshot    | 2018/07/13 20:00 | File holder | 219,873 KB |

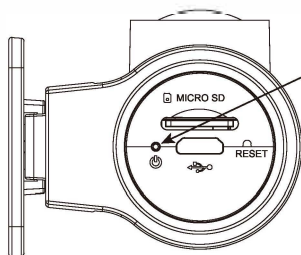
## UPGRADING THE FIRMWARE

A firmware upgrade is provided to enhance the products's feature, operation or to increase stability. For optimal operation of the products features, ensure that you keep the firmware up to date.

- 1) On your PC, open a web browser and go to <http://Hyperion-global.com/support>.
- 2) Select the product and download the latest firmware upgrade file.
- 3) Unzip the downloaded file. (If necessary).
- 4) Disconnect power to the product and remove the memory card.
- 5) Access the memory card front PC and copy the firmware upgrade file to the root folder of the memory card.



- 6) While the power is disconnected from the product, insert the memory card into the memory card slot on the product.
- 7) Connect the power cable to the product. Then the power indicator will start to flash, that means dash cam is installing the firmware upgrade file. When power indicator turns to solid green, that means firmware upgrade has been completed.



Power indicator

■ Firmware upgrade has been completed

■■■■■ Dash camera is installing firmware upgrade file

### NOTE:

- \* **DO NOT DISCONNECT THE POWER OR REMOVE THE MEMORY CARD FROM THE PRODUCT DURING THE UPGRADE. DOING SO MAY CAUSE SERIOUS DAMAGE TO THE PRODUCT, OR TO THE DATA STORED IN THE MEMORY CARD.**

## TROUBLESHOOTING

The following table lists the problems users may encounter while using the product and measures to resolve them.

If the problem persists after taking the measures provided in the table, contact the customer service center.

| Problems                                    | Description   |
|---|---|
| Cannot power on the product                 | <ul style="list-style-type: none"><li>* Make sure the power cable (the car charger or the hardwiring cable) is connected to the vehicle and the product properly.</li><li>* Check the vehicle's battery level.</li></ul>  |
| The voice guide and/or buzzer do not sound  | Please go to the main menu (setting page) in APP and ensure the "voice notification" has been turned on.  |
| The video is unclear or hardly visible      | <ul style="list-style-type: none"><li>* Ensure that the protective film on the camera lens has been removed. The video may look unclear if the protective film is still on the camera lens.</li><li>* Check the installation location of the camera, turn on the product, and then adjust the camera's view angle.</li></ul>  |
| The memory card cannot be recognized        | <ul style="list-style-type: none"><li>* Ensure that the memory card has been inserted in the correct direction. Before inserting the memory card, ensure that the metal contacts on the memory card faces the opposite direction from the lens of this product.</li><li>* Turn off the power, remove the memory card, and then check to ensure that the contacts in the memory card slot are not damaged.</li></ul> |
| The recorded video cannot be played on a PC | The recorded videos are stored as MP4 video files. Ensure that the video player installed on your PC supports the playback of MP4 video files.  |
| The dash camera stopped responding          | Please use straightened paper clip and press the hidden reset button to reboot the dash camera.   |
| Forgotten dash camera Wifi passcode         | Use your finger to completely block the sensor of gesture snapshot and hold for 10 seconds until a voice prompt to confirm that the passcode has been reset to default.<br><b>(Default passcode is 12345678)</b>  |

## PRODUCT SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>Model Name</b>        | <b>LX1801SD</b>  |
| Color/Size/Weight        | Black / Length 96mm x Width 33.3 mm x Height 47.4 mm / 57.2g                                     |
| Camera                   | CMOS Sensor (Approx. 2.1 megapixels)   |
| Operation temperature    | 14°F - 140°F (-10°C to 60°C)   |
| Storage temperature      | -4°F - 158°F (-20°C to 70°C)   |
| MicroSD memory card      | Supports up to 64GB MicroSD with a speed rating of class 10, UHS-1 or higher                     |
| Reset                    | Insert an unbent paper clip to reset your device if it has crashed and is unresponsive           |
| Micro USB port           | Connects the device to the power source  |
| Video resolution         | 1080P/30fps; 720P/30fps selectable   |
| Photo resolution         | 1920x1080 Megapixels   |
| Photo format             | JPG  |
| View angle               | 120°   |
| Video format             | MP4  |
| G - Sensor               | 3-Axis Acceleration Sensor   |
| Recording method         | Loop recording and crash detection & recording   |
| Sound recording          | Built-In Microphone  |
| Memory location          | Only store on memory card  |
| Wifi                     | Built-in (2.4 GHz)   |
| Microphone               | Built-in   |
| Speaker (Voice guidance) | Built-in   |
| LED Indicators           | Recording, Wifi connected and power on   |
| Backup battery           | Built-in super capacitor   |
| Input power              | DC 12V–24V, 1.5A MAX   |
| Power consumption        | 400mA - 500mA<br>*Actual power consumption may vary depending on use conditions and environment. |



## **CUSTOMER SUPPORT**

For customer support and firmware updates please visit [Deltran-Global.com](http://Deltran-Global.com).

You can also call our customer service hotline **877-456-7901**

Please back up all important files and data before requesting service. In order to service the dashcam it may be necessary to delete all files and data from the dashcam. All servicing is provided on the basis that the user has backed up all necessary files and data before requesting service. Therefore Deltran USA LLC will not be responsible for the loss of any files of data.

## **REGULATORY WARNINGS**

### **FEDERAL COMMUNICATIONS COMMISSION (FCC)**

Title 47 Subpart, 15.105(b)

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **GOVERNMENT OF CANADA**

ICES-001: Industrial, Scientific, and Medical (ISM) Radio Frequency Generators

This product has been tested with the listed standards and found to be compliant with the Code of Industry Canada ES-001 and the measurement Procedure according to CISPR 11.

CAN ICES-1/NMB-1

## WARRANTY

The Hyperion® Dash Camera comes with a twelve (12) month limited warranty against defects or failure within one (1) year of purchase.

**THIS LIMITED WARRANTY IS VOID** under the following conditions:

- 1) The product is misused, subjected to careless handling, or operated under conditions of extreme temperature, shock, or vibration beyond our recommendations for safe and effective use.
- 2) The product is disassembled or repaired by anyone who is not an authorized service representative.
- 3) The product was purchased from an unauthorized source. Warranty is not transferable from the original purchaser.
- 4) Any physical damage to the Dash Camera or any accessory after purchase.
- 5) Any modifications to the Dash Camera.