

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures.

Write the product's serial number in the back of the manual (or month and year of purchase if product has no number).

Keep this manual and the receipt in a safe and dry place for future reference.

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OUTLOOK™



HD DASH CAMERA



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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WARNING

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

Specifications

Resolution	up to 1080P HD video up to 12MP photo
SD Card Capacity	up to 64 GB, Class 10
Power Rating	5VDC, 1.5A
Video File Format	MOV
Internal Battery	Li-Ion, 0.74 Wh

IMPORTANT SAFETY INFORMATION

Installation Precautions

1. Install only according to these instructions. Improper installation can create hazards.
2. Wear ANSI-approved safety goggles during installation.
3. Do not install when tired or when under the influence of alcohol, drugs or medication.
4. Determine mounting location in accordance with vehicle safety regulations. Do not obstruct the driver's view or in the operational area of any airbag.
5. Having this item installed may be prohibited in certain municipalities or areas, including near some military facilities. Restrictions may apply even if item is turned off or disconnected. Make sure to comply with all regulations and signage restricting use.
6. Do not leave Camera unsecured.

Use Precautions

1. Do not take your attention off of your surroundings to focus on the Camera, operate it, or adjust the settings unless the vehicle is safely parked.
2. Do not look at monitor while driving. The objects viewed and apparent distances will appear different than the driver's viewpoint.
3. This product is not a toy. Do not allow children to play with or near this item.
4. Use as intended only.
5. Inspect before every use; do not use if parts are loose or damaged.
6. Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 140° F or incinerate.

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Controls



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Installation Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

1. Insert the MicroSD card into the Dashcam gently until it locks into place.
2. If it has not been formatted, the memory card may need to be formatted before it can be used. This will erase all information currently on the card.
3. Determine mounting location in accordance with vehicle safety regulations. Do not obstruct the driver's view or in the operational area of any airbag. An example location is shown which may be appropriate for some vehicles.
10. Adjust the angle of the Camera as needed.

WARNING! Do not leave Camera unsecured.

4. Clean the mounting location using rubbing alcohol (not included). Allow it to dry completely.
5. Determine which Mounting Bracket to use for the best filming and viewing angle. Remove the adhesive backing and carefully attach the Dashcam Mounting Bracket to the windshield.
6. Attach the Dashcam to the Mounting Bracket.
7. Connect Charger cable to the Dashcam.
8. Route cable around windshield so it is not obstructing visibility.
9. Plug the Charger into the 12V socket.



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Operation Instructions

1. Press the POWER button to turn the unit on.
Note: Even with the power on, the Camera will only start recording if it is in recording mode.
2. Video Mode
When first turned on, the Camera defaults to recording video mode.
3. Capture Mode
While not recording, press the MODE button once to enter Capture Mode. In Capture Mode, press the OK button to take a picture.
4. Playback Mode
While not recording, press the MODE button twice to enter Playback mode.
 - Use the UP/DOWN buttons to select the video/picture.
 - Briefly press UP/DOWN buttons to change volume.
 - Press the MODE button twice to exit playback.
5. Briefly press the POWER button to turn off the screen.
6. Press and hold the POWER button to turn the Camera off.
7. Main functions and system settings
 - a. While not recording, press the MENU button once to enter video (or capture) setting menu. Use UP/DOWN and OK buttons to change the settings. Press the MENU button again to exit setting menu.
Note: The mode (video vs. capture) that the Camera is in before the MENU button is pressed will determine which setting menu it enters.
 - b. While not recording, press the MENU button twice to enter system setting menu. Use UP/DOWN and OK buttons to change the settings. Press the MENU button again to exit setting menu.



Video Menu

 **Video Resolution**

 **Loop Recording**

This sets how long the Camera will record before overwriting older recordings. If set to OFF, the Camera will record until the memory card is full.

 **Wide Dynamic Range**

 **G-Sensor Sensitivity**

This determines whether the Camera will start recording when an impact is detected or not. The sensitivity can also be adjusted.

Videos saved due to a collision are locked to prevent being overwritten by the loop recording feature. A key appears on the display to indicate that they are locked.

 **Exposure**

 **Motion Detection**

This determines whether the Camera will start recording when motion is detected or not.

 **Record Audio**

 **Date Stamp**

Photo Menu

 **Capture Mode**

 **Photo Resolution**

 **Compression**

This sets the image quality. Higher quality images will require more space on the memory card.

 **Sharpness**

 **White Balance**

 **Color**

 **ISO**

 **Exposure**

 **Anti-shake**

 **Date Stamp**

System Menu

 **Date / Time**

 **Auto Power Off**

 **Key Tone**

 **Park Guard**

If a time period is selected, the Camera will remain on standby after power is interrupted. It will record for a few seconds if an impact is detected.

 **Language**

 **AV Out**

 **Screen Saver**

 **Frequency**

 **Format**
Select this to format the memory card and erase all information on it.

 **Default Settings**
Select this to restore all settings to their default.

 **Version**
Displays firmware version.



Procedures not specifically explained in this manual must be performed only by a qualified technician.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE**, inspect the general condition of the Camera. Check for:
 - loose hardware,
 - misalignment or binding of moving parts,
 - damaged cord/electrical wiring,
 - cracked or broken parts, and
 - any other condition that may affect its safe operation.
2. **AFTER USE**, wipe external surfaces of the Camera with clean cloth.
3. Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 140° F or incinerate.

Battery Removal

NOTE: Replacing the battery is not advised, since the Camera contains delicate wiring and ribbon cables that can be permanently damaged in the process of battery removal.

1. Remove the four screws from the back of the camera housing.
2. Gently pull the top of the rear housing out to release it from the center housing. The rear housing has two pieces, a smaller piece near the camera may come off during removal.
3. Remove the four screws from the center housing.
4. Gently pull the top of the center housing out. The ribbon cable from the camera will keep it from detaching completely.
5. Carefully cut the wires that connect the battery to the camera. Recycle or dispose of the battery properly.

WARNING! TO PREVENT SERIOUS INJURY FROM FIRE, do not expose the battery to heat, such as heat from a soldering torch.

Record Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Replacement parts are not available for this item.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



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