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› Official HD Mirror Cam User Manual

HD Mirror Cam HDMC-MC6/2

Official HD Mirror Cam User Manual

Model: HDMC-MC6/2 | Brand: HD Mirror Cam

1. OVERVIEW

The Official HD Mirror Cam is a versatile dashboard camera designed to seamlessly integrate with your vehicle's rearview mirror. It provides high-definition video recording capabilities, motion detection, and loop recording, ensuring you capture important moments on the road. This manual provides detailed instructions for installation, operation, and maintenance of your HD Mirror Cam.

Key Features:

- Quick and easy installation onto existing rearview mirrors.
- 350-degree rotating camera lens for multi-directional recording.
- 720P HD video recording with audio.
- Automatic ignition start and shut-off.
- Loop recording function for continuous recording.
- Automatic motion detection.
- 2.5-inch LCD instant playback screen with shut-off mode.
- Exclusive Night Vision LEDs for clear recording in low light.

2. WHAT'S IN THE BOX

Upon opening your HD Mirror Cam package, please ensure all the following components are present:

- HD Mirror Cam Unit
- 8GB Micro SD Card

- USB Micro SD Card Reader
- Vehicle Power Cable / Car Charger
- Mounting Clips
- 2 Rubber Strap Bands (pre-attached to the unit)
- Quick Start Guide
- Instruction Manual (this document)

AUTOMATICALLY ADJUSTS for Different Levels of Light



VIEW FOOTAGE INSTANTLY on Unit -or- **DOWNLOAD DIRECTLY**
to a Computer with the Included **SD MEMORY CARD READER**

Figure 2.1: Complete Kit Contents

This image displays all the items included in the HD Mirror Cam package, ensuring you have everything needed for setup and operation.

3. SETUP AND INSTALLATION

Follow these steps to properly install your HD Mirror Cam in your vehicle:

1. **Attach to Rearview Mirror:** Use the two included rubber strap bands to securely attach the HD Mirror Cam over your existing rearview mirror. Ensure the camera lens faces forward and the unit is centered for

optimal viewing.



Installs in **SECONDS** - Fits **ANY REARVIEW MIRROR**



Figure 3.1: Attaching the HD Mirror Cam

This image demonstrates how to quickly and easily attach the HD Mirror Cam to your vehicle's existing rearview mirror using the provided straps.

2. **Insert Micro SD Card:** Locate the Micro SD card slot on the side of the HD Mirror Cam. Gently insert the provided 8GB Micro SD card until it clicks into place. Ensure the card is inserted correctly to avoid damage.
3. **Connect Power:** Plug the vehicle power cable into the power input port on the HD Mirror Cam. Then, plug the other end of the cable into your vehicle's 12V power outlet (cigarette lighter socket).
4. **Route Cable:** Carefully route the power cable along the windshield trim and dashboard to keep it tidy and out of the way. Use the included mounting clips if necessary to secure the cable.
5. **Adjust Camera Lens:** The camera lens can rotate 350 degrees. Adjust the lens to ensure it captures the desired view of the road ahead. For interior recording, rotate the lens towards the cabin.

HD MIRROR CAM'S G-SENSOR

will Automatically Save and Lock the Current Video File if it Detects an Impact, Protecting the Video Evidence for You.

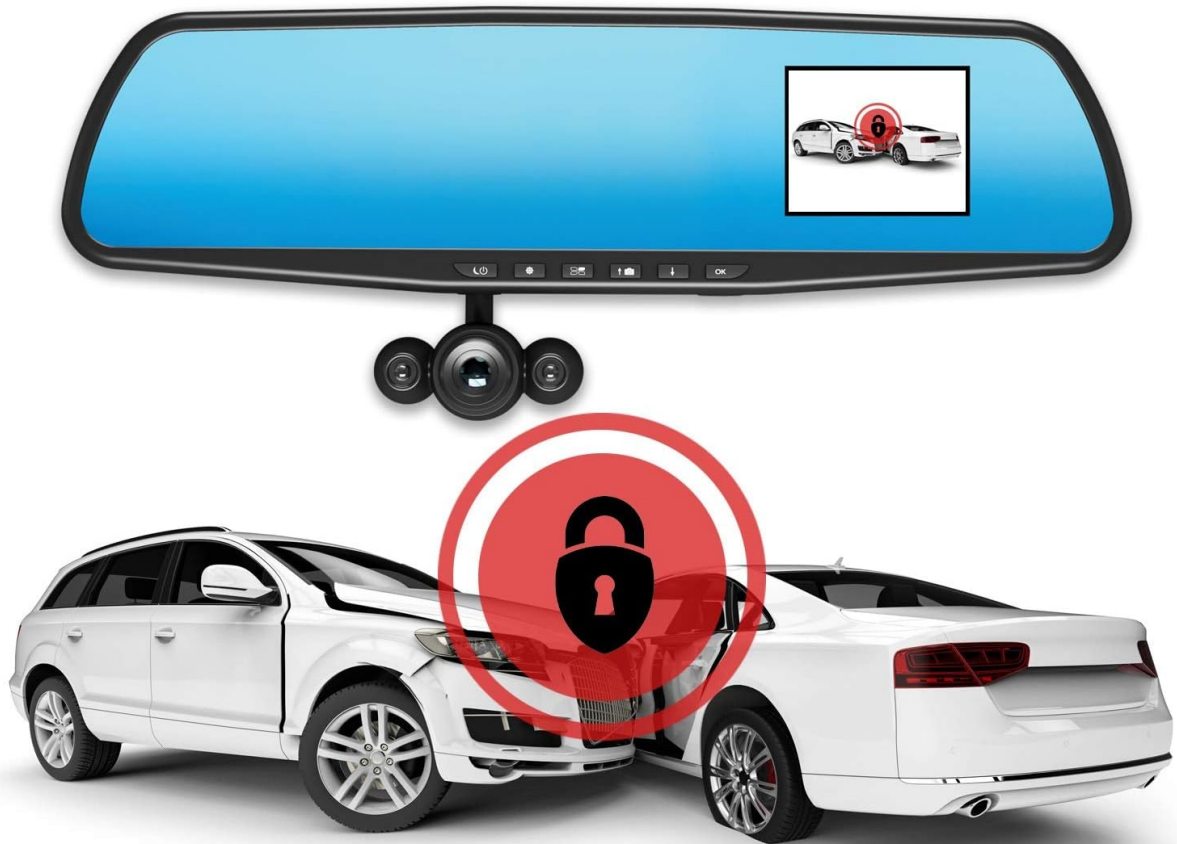


Figure 3.2: Adjusting the Rotating Lens

This image highlights the 350-degree rotating lens and the exclusive night vision LEDs, allowing for flexible recording angles and improved low-light performance.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Automatic Ignition Start:** The HD Mirror Cam is designed to automatically power on and begin recording when your vehicle's ignition is turned on.
- **Automatic Shut-off:** The unit will automatically power off and stop recording when your vehicle's ignition is turned off.
- **Manual Power:** You can manually power the unit on or off by pressing and holding the power button located on the bottom of the mirror.

4.2 Video Recording

The HD Mirror Cam records in 720P HD resolution with crystal clear audio. It features a 120-degree wide-angle lens to capture a broad view of the road.

2.5" LCD INSTANT PLAYBACK SCREEN

with **SCREEN SHUT OFF** Mode for **DISTRACTION-FREE**
Driving While Recording



Figure 4.1: 120° HD Wide Angle Video & Audio Recording

This image illustrates the wide field of view captured by the HD Mirror Cam, along with its audio recording capabilities.

- **Loop Recording:** The camera continuously records in segments (e.g., 1, 3, or 5 minutes). When the Micro SD card is full, the oldest unlocked files are automatically overwritten to make space for new recordings.
- **Motion Detection:** When enabled, the camera will automatically start recording if it detects motion in front of the lens while the vehicle is parked.
- **G-Sensor (Impact Detection):** In the event of a sudden impact or collision, the built-in G-Sensor will automatically save and lock the current video file, preventing it from being overwritten by loop recording.

Records **120° HD** Wide Angle **VIDEO**
& Crystal Clear **AUDIO**



Figure 4.2: G-Sensor Impact Protection

This image demonstrates how the G-Sensor automatically saves and locks video files upon detecting an impact, protecting crucial evidence.

- **Night Vision:** The exclusive Night Vision LEDs enhance recording clarity in low-light conditions, ensuring visibility even at night.

4.3 Photo Mode

The HD Mirror Cam can also capture still images. Press the 'Mode' button to switch to Photo Mode. Press the 'OK' button to take a photo.

ONE TOUCH PHOTO SNAP

Quickly Snap a Photo of the Car's License Plate in Front of You



ROTATING 350° LENS
with Exclusive
NIGHT VISION LEDs

Figure 4.3: One-Touch Photo Snap

This image illustrates the ease of taking a quick photo, useful for capturing details like license plates.

4.4 Playback and Viewing Footage

You can instantly playback recorded videos and view photos directly on the 2.5-inch LCD screen. Press the 'Mode' button to cycle through video playback and photo viewing modes. Use the navigation buttons to select files and the 'OK' button to play/view.



Take **PHOTOS** & **VIDEO OUTSIDE** or **INSIDE** the car!

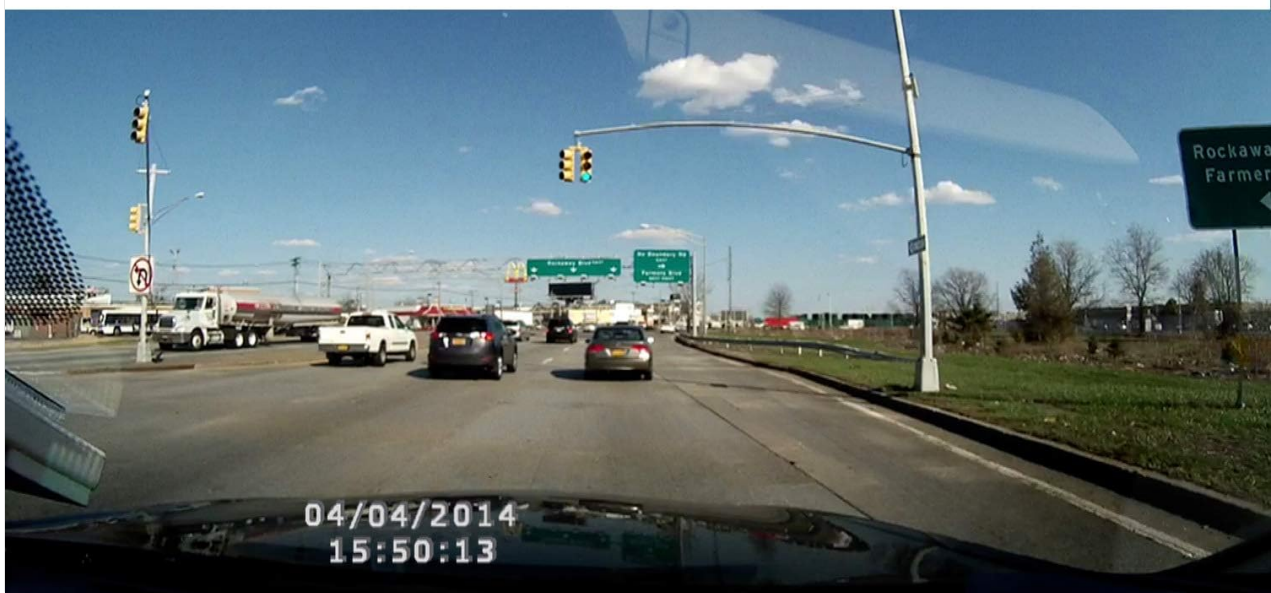


Figure 4.4: Instant Playback Screen

This image shows the integrated LCD screen, allowing for immediate review of recorded footage.

For viewing footage on a computer, remove the Micro SD card from the unit and insert it into the provided USB Micro SD card reader. Connect the card reader to your computer's USB port to access the files.

COMPLETE KIT- EVERYTHING YOU NEED

Installs in Seconds



Figure 4.5: Viewing Footage on Computer

This image demonstrates how to transfer and view footage on a computer using the included SD card reader.

- **Screen Shut Off Mode:** To minimize distraction while driving, you can activate the screen shut-off mode. The camera will continue recording even when the screen is off. Press any button to reactivate the screen.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the mirror surface and camera lens. Avoid using abrasive cleaners or solvents that could damage the unit.
- **SD Card Management:** Periodically format the Micro SD card (at least once a month) to ensure optimal performance and prevent data corruption. This can usually be done through the camera's settings menu. Back up any important files before formatting.
- **Temperature:** Avoid exposing the device to extreme temperatures, both hot and cold, as this can affect battery life and overall performance.

6. TROUBLESHOOTING

If you encounter issues with your HD Mirror Cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power from vehicle outlet; loose connection; depleted internal battery.	Check vehicle's 12V outlet for power (test with another device). Ensure power cable is securely connected. Charge the unit for at least 30 minutes.
Unit powers on intermittently or shuts off unexpectedly.	Unstable power supply; faulty cable; internal issue.	Ensure power cable is firmly connected. Try a different 12V outlet if available. Contact customer support if problem persists.
Recording stops or files are corrupted.	SD card full or corrupted; low-quality SD card; extreme temperatures.	Format the Micro SD card. Ensure you are using a Class 10 speed Micro SD card. Avoid extreme temperatures.
Video quality is poor or blurry.	Dirty lens; protective film still on lens; incorrect resolution setting.	Clean the camera lens. Remove any protective film. Check video resolution settings in the menu.

7. SPECIFICATIONS

Feature	Detail
Brand	HD Mirror Cam
Model	HDMC-MC6/2
Manufacturer	InvenTel
Product Dimensions	33.66 x 6.35 x 15.24 cm
Item Weight	499 g
Batteries	1 Lithium Polymer battery (included)
Special Features	Loop Recording, Motion Sensing, Rechargeable
Connectivity Technology	USB
Display Size	2.5 inches LCD
Video Resolution	720P HD
Lens Rotation	350 degrees

Feature	Detail
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8. WARRANTY AND SUPPORT

The HD Mirror Cam comes with a **60-Day FULL MONEY BACK GUARANTEE**. If you experience any issues or have questions regarding your product, please refer to the contact information provided with your purchase documentation or visit the official HD Mirror Cam website for customer support.

For technical assistance or warranty claims, please have your model number (HDMC-MC6/2) and purchase details ready.