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> GoPro HERO10 Black - Waterproof Action Camera with Front LCD and Touch Rear Screens, 5.3K60 Ultra HD Video, 23MP Photos, 1080p Live Streaming, Webcam, Stabilization User Manual

GoPro Camera CHDHX-101-CN

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GoPro HERO10 Black User Manual

Model: CHDHX-101-CN

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1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your GoPro HERO10 Black camera. Please read it thoroughly before use.

Product Overview

The GoPro HERO10 Black is a powerful action camera designed for capturing high-quality video and photos in various environments. It features a revolutionary GP2 chip, 5.3K video recording, 23MP photos, HyperSmooth 4.0 stabilization, and cloud connectivity.

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Figure 1.1: Front view of the GoPro HERO10 Black camera, showing the front LCD screen and lens.



Figure 1.2: Angled view of the GoPro HERO10 Black, highlighting the power and mode buttons on the side.

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2. SETUP

2.1 Charging the Battery

The camera comes with a rechargeable Lithium Ion battery. Before first use, fully charge the battery.

1. Open the side door of the camera.
2. Insert the included USB-C cable into the camera's USB-C port.
3. Connect the other end of the cable to a USB power adapter (not included) or a computer.
4. The camera's status lights will indicate charging status. A solid red light typically means charging, and it will turn off when fully charged.

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2.2 Inserting a microSD Card

A microSD card (sold separately) is required to store photos and videos.

1. Open the side door.
2. Locate the microSD card slot.
3. Insert the microSD card with the label facing the front of the camera until it clicks into place.
4. Close the side door securely to maintain waterproofing.

Note: Use a recommended Class 10 or UHS-I/UHS-3 rated microSD card for optimal performance.

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3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

- **To Power On:** Press the Mode button (side button).
- **To Power Off:** Press and hold the Mode button for 3 seconds.

3.2 Changing Modes

Press the Mode button repeatedly to cycle through video, photo, and time lapse modes.

3.3 Capturing Video and Photos

- **To Start Recording/Capture Photo:** Press the Shutter button (top button).
- **To Stop Recording:** Press the Shutter button again.

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3.4 Using the Touch Screen

The rear touch screen allows for easy navigation and setting adjustments.

- Swipe down to access settings and preferences.
- Swipe left or right to switch between capture modes.
- Tap to select options or adjust settings.

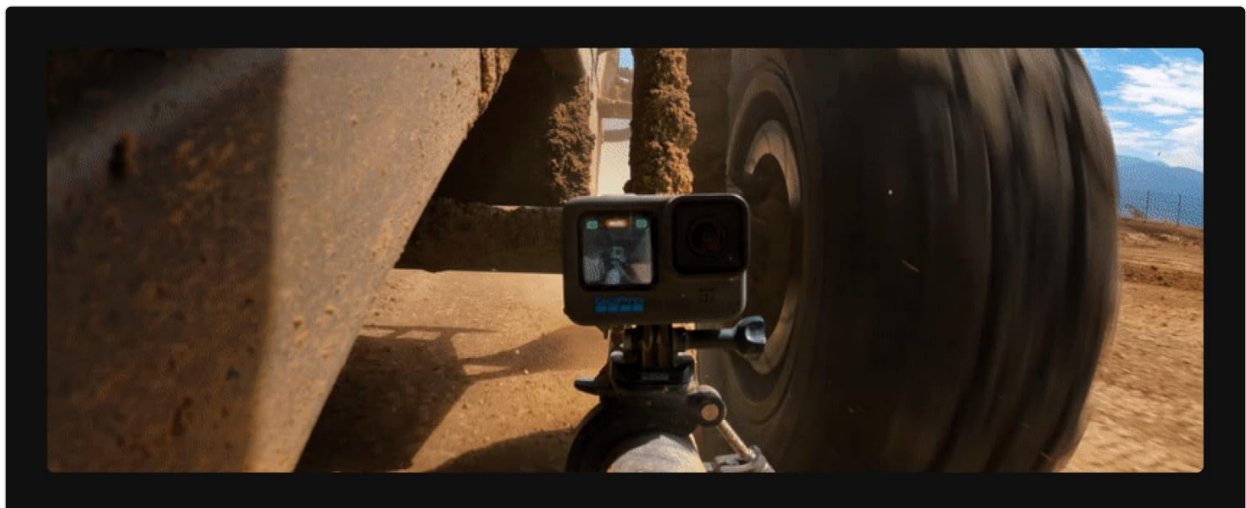


Figure 3.1: Example of the touch screen interface for adjusting camera settings.

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3.5 HyperSmooth 4.0 Stabilization

The HERO10 Black features advanced HyperSmooth 4.0 video stabilization, providing incredibly smooth footage even in challenging conditions. This feature is automatically enabled in most video modes and can be adjusted in settings.

4. MAINTENANCE

4.1 Cleaning the Camera

- Use a soft, lint-free cloth to clean the camera lens and screens.
- For stubborn spots, slightly dampen the cloth with water. Avoid harsh chemicals.
- Ensure the camera is dry before closing the side door or using it in wet conditions.

4.2 Battery Care

- Store batteries in a cool, dry place.
- Avoid exposing batteries to extreme temperatures.
- Do not puncture or disassemble batteries.

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4.3 Firmware Updates

Periodically check for firmware updates to ensure optimal performance and access to new features. Updates can typically be performed via the GoPro Quik app or by manually loading files onto the microSD card.

5. TROUBLESHOOTING

5.1 Camera Not Responding

- Remove and reinsert the battery.
- Press and hold the Mode button for 10 seconds to force a shutdown.

5.2 Overheating

The GoPro HERO10 Black is a high-performance device and may become warm during extended use, especially when recording in high resolutions or in warm environments. If the camera overheats, it may display a warning message or shut down automatically to protect internal components.

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- Allow the camera to cool down before resuming use.
- Avoid direct sunlight exposure when not recording.
- Consider using the camera in well-ventilated areas.

5.3 Connectivity Issues (Wi-Fi/Bluetooth)

- Ensure Wi-Fi and Bluetooth are enabled on both the camera and your mobile device.
- Restart both the camera and your mobile device.
- Forget the device in your phone's Bluetooth settings and re-pair.

6. SPECIFICATIONS

Feature	Detail
Model Number	CHDHX-101-CN
Video Resolution	Up to 5.3K60, 4K120, 2.7K240
Photo Resolution	23MP
Processor	GP2
Stabilization	HyperSmooth 4.0
Waterproof	Yes (without housing)
Connectivity	Wi-Fi, Bluetooth, USB-C
Battery Type	Lithium Ion
Dimensions	3.2 x 9.4 x 4.8 inches
Item Weight	15.2 ounces

7. WARRANTY AND SUPPORT

7.1 Warranty Information

GoPro products typically come with a limited manufacturer's warranty. Please refer to the official GoPro website or your purchase documentation for specific warranty terms and conditions.

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7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please visit the official GoPro support website or contact their customer service. You can often find FAQs, video tutorials, and contact information on their support pages.

Online Resources:

- GoPro Official Website: gopro.com
- GoPro Support: gopro.com/help