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› GoPro HERO11 Black Action Camera User Manual

GoPro CHDHX-111-CN

GoPro HERO11 Black Action Camera User Manual

Model: CHDHX-111-CN

1. INTRODUCTION

The GoPro HERO11 Black is a powerful and versatile waterproof action camera designed to capture your adventures in stunning detail. Featuring front and rear LCD screens, a revolutionary new image sensor, and advanced HyperSmooth 5.0 stabilization, it delivers exceptional 5.3K video and 27MP photos. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HERO11 Black camera.

2. CAMERA OVERVIEW

Familiarize yourself with the key components of your GoPro HERO11 Black camera.



Image: Front view of the GoPro HERO11 Black, highlighting the lens and front screen.



Image: Side view of the GoPro HERO11 Black, showing the mode button and side door.

- **Front Screen:** Displays live preview, status, and settings.
- **Rear Touchscreen:** For framing shots, playback, and navigating menus.
- **Lens:** High-quality optical lens for capturing wide-angle footage.

- **Shutter Button (Top):** Press to start/stop recording or take photos.
- **Mode Button (Side):** Press to cycle through modes or power on/off.
- **Side Door:** Covers the battery and microSD card slot.

3. WHAT'S INCLUDED

Your GoPro HERO11 Black package includes the following components:



Image: The GoPro HERO11 Black camera along with its comprehensive accessory kit, including batteries, mounts, and storage.

Manufacturer Included Items:

- GoPro HERO11 Black Camera
- GoPro Rechargeable Li-Ion Battery
- Curved Adhesive Mount
- Mounting Buckle + Thumbscrew
- USB Type-C Cable

- Carry Case

Bundle Items:

- SanDisk Extreme Pro 64GB microSDXC Card
- 2x Compatible Rechargeable Li-Ion Batteries
- 50-In-1 Action Camera Accessory Kit, including:
 - Suction Cup
 - Floating Handle Grip
 - Strap
 - 360-Degree Rotation Clip
 - Insurance Tether Straps
 - Wrist Strap
 - Handheld Monopod
 - Bicycle Handlebar Mount
 - Chest Strap
 - Head Strap Mount
 - Wrench
 - Wrist Mount With Screw
 - Tripod Mount Adapters
 - Car Ring Case
 - Helmet Extension Arm
 - Helmet Strap Mount
 - Mini Tripod
 - 2 X Switch Support
 - 2 X Surface J-Hook Buckle
 - 3 X Basic Mount
 - 3 X Flat Mounts
 - 2 X Curved Mounts
 - 4 X Screws
 - 5 X Adhesive Pads
 - 12 X Anti-Fog Inserts
 - 6AVE Electronics Microfiber Cloth

4. SETUP

4.1. Battery Installation

1. Open the side door of the camera.
2. Insert the GoPro Rechargeable Li-Ion Battery into the battery compartment, ensuring the correct orientation.
3. Close the side door securely.

4.2. MicroSD Card Installation

1. With the side door open, locate the microSD card slot.
2. Insert the SanDisk Extreme Pro 64GB microSDXC Card with the label facing the front of the camera until it clicks into place.

3. Close the side door securely.

4.3. Initial Charging

Before first use, fully charge your GoPro HERO11 Black. Connect the camera to a USB power source using the provided USB Type-C cable. The camera's front status light will indicate charging status. While charging, your footage can be automatically uploaded to the cloud (with a GoPro Subscription), and a highlight video sent to your phone.



Image: The GoPro HERO11 Black camera being charged via its USB-C port.

4.4. Connecting to the GoPro Quik App

For enhanced control, editing, and sharing, download the GoPro Quik app from the App Store or Google Play. Follow the in-app instructions to pair your HERO11 Black with your mobile device.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Mode Selection

- To power on, press the Mode button (side button).
- To power off, press and hold the Mode button for 3 seconds.
- Press the Mode button repeatedly to cycle through video, photo, and time-lapse modes.

5.2. Capturing Video and Photos

The HERO11 Black captures stunning 5.3K video and 27MP photos. The new image sensor provides an extra-large canvas, allowing for flexible cropping and aspect ratio adjustments in post-production.



Image: The GoPro HERO11 Black features both front and rear LCD screens for easy framing of shots.

- **Video Recording:** In video mode, press the Shutter button (top button) to start and stop recording. The camera supports 5.3K60 video for fluid motion and 2.7K240 video for 8x slow-motion playback.
- **Photo Capture:** In photo mode, press the Shutter button to take a 27MP still photo. You can also grab 24.7MP stills from your 5.3K video footage.

5.3. HyperSmooth 5.0 Stabilization

The HERO11 Black features Award-winning HyperSmooth 5.0 stabilization. This advanced technology includes Horizon Lock, which keeps your footage straight even if the camera rotates a full 360 degrees, and AutoBoost for maximum stabilization with minimal image cropping. This ensures silky smooth footage even in shaky conditions.

5.4. Live Streaming and Webcam Functionality

The HERO11 Black supports live streaming and can be used as a webcam, expanding its utility beyond action capture. Refer to the GoPro Quik app or GoPro's official website for detailed instructions on setting up these features.

5.5. Underwater Use

The HERO11 Black is waterproof, making it suitable for underwater sports and diving. Ensure all doors are securely closed before submerging the camera. A water-repelling lens cover helps eliminate lens flare and artifacts in aquatic environments.



Image: The GoPro HERO11 Black attached to a mounting buckle, ready for various accessories.

Note: No official product videos from the seller are available for embedding in this manual.

6. FEATURES OVERVIEW

- **Revolutionary New Image Sensor:** Largest expansive field of view ever on a HERO camera, providing an extra-large canvas for creativity and flexible post-production adjustments.
- **Astonishing Image Quality:** Captures action with crisp detail and cinematic quality, featuring 5.3K video and 27MP photos. Water-repelling lens cover minimizes lens flare.
- **Higher Resolution & High Frame Rate:** Boosts photo resolution up to 27MP and delivers 5.3K60 video. Allows grabbing 24.7MP stills from video and recording 2.7K240 video for 8x slo-mo.
- **Award-Winning HyperSmooth 5.0 Stabilization:** Features Horizon Lock for straight footage even with 360-degree rotation, improved stabilization for 4:3 aspect ratio, and AutoBoost for maximum stability.
- **Front and Rear LCD Screens:** Enables perfect framing of shots from any angle.
- **Automatic Cloud Uploads & Highlight Videos:** When charging, footage is automatically uploaded to the cloud (with subscription) and highlight videos are sent to your phone.

7. MAINTENANCE

- **Cleaning:** Use the provided microfiber cloth to clean the lens and screens. For stubborn dirt, use a soft, damp

cloth. Ensure the camera is dry before closing doors.

- **Water Exposure:** After using in saltwater, rinse the camera thoroughly with fresh water and dry it completely before opening any doors.
- **Storage:** Store the camera and accessories in the provided carry case in a cool, dry place away from direct sunlight. Remove batteries if storing for extended periods.
- **Battery Care:** Use only genuine GoPro batteries or compatible alternatives. Avoid exposing batteries to extreme temperatures.

8. TROUBLESHOOTING

- **Camera Not Responding:** If the camera freezes, press and hold the Mode button for 10 seconds to force a shutdown.
- **Battery Life Issues:** Ensure batteries are fully charged. Reduce video resolution or frame rate, and turn off Wi-Fi/Bluetooth when not in use to conserve battery.
- **Footage Quality Issues:** Ensure the lens is clean. Check lighting conditions. For stabilization issues, ensure HyperSmooth is enabled.
- **MicroSD Card Errors:** Use a recommended, high-speed microSD card. Format the card regularly within the camera settings.
- **Connectivity Problems:** Ensure Bluetooth and Wi-Fi are enabled on both the camera and your mobile device. Restart both devices and try pairing again.

9. SPECIFICATIONS

Feature	Detail
Brand Name	GoPro
Item Weight	3.56 pounds
Product Dimensions	1.3 x 2.8 x 2.2 inches
Item Model Number	CHDHX-111-CN
Batteries	1 Lithium Ion batteries required (included)
Color Name	Black
Special Features	Waterproof
Photo Sensor Technology	CMOS
Video Capture Resolution	5.3K, 2.7K, 1080p
Maximum Aperture	f/5
Flash Memory Type	MicroSDHC, Micro SD
Video Capture Format	MP4
Supported Audio Format	AAC
Screen Size	2.27 Inches (rear)
Connectivity Technology	USB

10. WARRANTY AND SUPPORT

GoPro products typically come with a limited manufacturer's warranty. Please refer to the official GoPro website or the warranty card included with your product for specific terms and conditions. For technical support, product registration, or to access additional resources, visit the official GoPro Support page at gopro.com/help.