

GoPro CHDHN-301

GoPro HERO3 Silver Edition Instruction Manual

Model: CHDHN-301

1. INTRODUCTION

The GoPro HERO3 Silver Edition is a compact, high-performance action camera designed to capture immersive footage of your activities. This manual provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance.

2. WHAT'S INCLUDED

The GoPro HERO3 Silver Edition package typically includes the following items:

- GoPro HERO3 Silver Edition Camera
- Waterproof Housing (rated to 197 feet / 60 meters)
- Rechargeable Lithium-Ion Battery
- USB Charging Cable
- Basic Mounting Hardware (e.g., curved and flat adhesive mounts, quick release buckle)



Figure 2.1: Package Contents of the GoPro HERO3 Silver Edition.

3. CAMERA OVERVIEW

The HERO3 Silver Edition is designed for durability and ease of use. It features a compact body, an integrated lens, and a clear waterproof housing.



Figure 3.1: Front-angled view of the GoPro HERO3 Silver Edition in its waterproof housing.



Figure 3.2: Front view of the GoPro HERO3 Silver Edition in its waterproof housing.

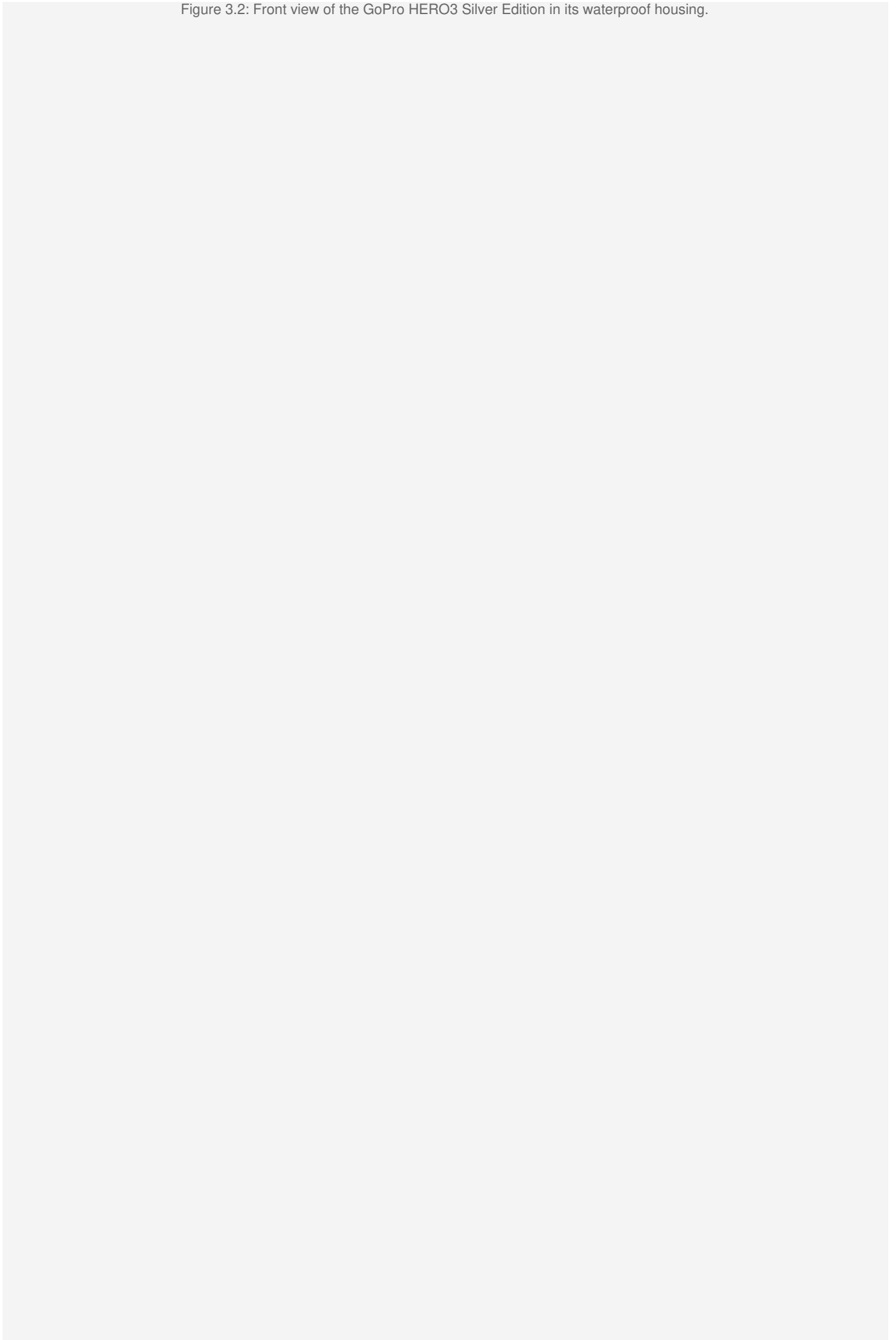




Figure 3.3: Rear view of the GoPro HERO3 Silver Edition, highlighting ports and controls.

4. SETUP

4.1. Battery Installation & Charging

1. Open the battery door on the camera.
2. Insert the 1050mAh rechargeable lithium-ion battery, ensuring correct orientation.
3. Close the battery door securely.
4. Connect the camera to a USB power source using the provided USB cable to charge the battery. The charging indicator will illuminate.

4.2. Memory Card Installation

The HERO3 Silver Edition requires a microSD card (not included) for storing photos and videos.

1. Locate the microSD card slot on the camera.
2. Insert the microSD card with the label facing up until it clicks into place.
3. To remove, gently push the card until it springs out.

4.3. Mounting

Utilize the included basic mounts and hardware to attach your camera to helmets, gear, or other surfaces. Ensure mounts are securely fastened before use.

5. OPERATING THE CAMERA

5.1. Power On/Off

Press and hold the Power/Mode button to turn the camera on or off.

5.2. Basic Controls

The camera features two primary buttons for navigation: the Power/Mode button and the Shutter/Select button. Use the Power/Mode button to cycle through modes and settings, and the Shutter/Select button to confirm selections or start/stop recording.

5.3. Video Modes

The HERO3 Silver Edition supports various professional quality video resolutions and frame rates:

- **1080p:** 30 frames per second (fps)
- **960p:** 48 fps
- **720p:** 60 fps
- **WVGA:** 120 fps

User-selectable field-of-views (Ultra-wide, Medium, and Narrow) are available at 1080p resolution.

5.4. Photo Modes

Capture high-quality still images with the following options:

- **Still Photos:** 11 Megapixels (MP)
- **Burst Capture:** 10 frames per second (fps)
- **Time-Lapse:** Automatic photo capture at intervals of 0.5, 2, 5, 10, 30, and 60 seconds.

5.5. Protune Mode

Protune mode is available on the Silver and Black Editions, offering advanced control for professional productions:

- **35Mbps Data Rate:** Provides an improved, less compressed image.
- **Neutral Color Profile:** Allows for greater flexibility during color correction.
- **Log Curve Encoding:** Enhances detail in shadows and highlights.
- **Reduced Sharpening and Noise Reduction:** Improves flexibility in professional workflows.
- **24fps Frame Rates:** Facilitates integration with other video sources without frame rate conversion.

Note: Using Protune mode will increase power consumption.

5.6. Wi-Fi and GoPro App

The HERO3 Silver Edition features built-in Wi-Fi for remote control and live preview:

- **GoPro App:** Download the free GoPro App for iOS and Android smartphones and tablets. It enables full camera control and live video preview for easy shot framing.
- **Wi-Fi Remote (Optional):** Compatible with the Wi-Fi Remote (sold separately), which is a waterproof, wearable remote control capable of managing up to 50 Wi-Fi-enabled GoPro cameras from a range of 600 feet.

6. MAINTENANCE

6.1. Waterproof Housing Care

The camera's housing is waterproof to 197 feet (60 meters). Ensure the housing is clean and free of debris before submerging. Regularly check the seals for any damage.

6.2. Software Updates

For new features, product enhancements, and bug fixes, regularly check for camera software updates. Updates are available at gopro.com/support.

6.3. Battery Care

- Extreme cold temperatures may decrease battery life. For use in these conditions, keep the camera in a warm place prior to use.
- To maximize battery life during longer activities, it is recommended to use the camera without an LCD Touch BacPac attached and ensure Wi-Fi is turned OFF.
- Protune mode increases power consumption, which may affect battery duration.

7. TROUBLESHOOTING

If you encounter issues with your GoPro HERO3 Silver Edition, consider the following general steps:

- Ensure the battery is fully charged.
- Verify the microSD card is properly inserted and formatted.
- Perform a camera reset if unresponsive.
- Check for the latest firmware updates.

For detailed troubleshooting guides and support, visit the official GoPro support website at gopro.com/support.

8. SPECIFICATIONS

Feature	Specification
Model Number	CHDHN-301
Video Capture Resolution	1080p (30fps), 960p (48fps), 720p (60fps), WVGA (120fps)
Photo Resolution	11 Megapixels
Burst Photo Rate	10 frames per second
Waterproof Depth	197 feet (60 meters) with included housing
Connectivity	Built-in Wi-Fi
Battery Type	1050mAh Rechargeable Lithium-Ion
Storage Media	MicroSD (Flash Memory Type: SD)
Video Format	H.264
Photo Sensor Technology	CMOS
Optical Zoom	1x
Item Weight	1.46 pounds
Product Dimensions	3.94 x 3.94 x 9.65 inches

9. RECOMMENDED ACCESSORIES

Enhance your GoPro experience with these optional accessories:

- **Wi-Fi Remote:** Control your camera remotely, access settings, and start/stop recording.
- **LCD Touch BacPac:** A removable LCD touch screen for convenient shot framing and playback.
- **Battery BacPac:** Doubles the camera's battery life, ideal for extended recording sessions.
- **Mounts:** A wide range of mounts are available for various activities, including:
 - The Frame
 - Handlebar Seatpost Mount
 - Helmet Front Mount
 - Tripod Mount
 - Suction Cup
 - Roll Bar Mount
 - Vented Helmet Strap Mount
 - NVG Mount
 - Curved + Flat Adhesive Mounts
 - Surfboard Mount
 - Head Strap Mount
 - Grab Bag of Mounts

10. SUPPORT

For further assistance, product registration, and warranty information, please visit the official GoPro support website: gopro.com/support.

