

**V 4 (MB)**  
**September 4**  
**HERO3 Silver Edition**

**TITLE PAGE**

HERO3 | User Manual + Warranty Info

**PROMO PAGE**

Join the GoPro party at [facebook.com/gopro](https://www.facebook.com/gopro) to see what other GoPro owners are capturing. Share your footage and be a part of the GoPro

**TABLE OF CONTENTS**

[CREATE ToC ONCE CONTENT FINAL]

**ACCESSORY PAGES**

[CREATE ONCE CONTENT FINAL]

**HERO3**

1. LED Indicator Lights (Red<sup>1</sup>)
2. Shutter/Select Button [S graphic]
3. LCD Status Screen
4. Wi-Fi Indicator Light (Blue<sup>2</sup>) [W graphic]
5. HDMI Port (cable not included)
6. microSD Card Slot (card not included)
7. Power/Mode Button [mode graphic]
8. HERO Port
9. USB Port (composite A/C cable/3.5mm stereo mic adapter/file transfer/charge/playback accessory connection)
10. Battery Door
11. Sound Indicator (located bottom of camera)
12. Wi-Fi ON/OFF

**CAMERA UPDATES**

GoPro periodically releases updates and new features to its HERO line. Check to see if an update is available for your camera. Visit [gopro.com/update](https://gopro.com/update) to download the latest firmware.

---

<sup>1</sup> Red flashes during capture; solid when charging

<sup>2</sup> Blue flashes when connected to Wi-Fi

## USING YOUR HERO3: BASICS

### GETTING STARTED

>>camera image with memory card inserted/battery being placed into camera

1. **Insert microSD, microSDHC or microSDXC into card slot** with label facing forward, narrowest part of card first. Speed Class 4 or higher rating recommended.
  2. **Place battery into camera.**
  3. **Charge battery.** Included lithium-ion battery comes partially charged. Connect included USB cable to camera; connect other end of cable to power source such as computer, GoPro wall or auto charger.
    - Red **Indicator Lights** are solid while charging.
    - Red **Indicator Lights** turns off when fully charged.
- > See **BATTERY LIFE** for more information.

### DEFAULT SETTINGS

The HERO3 camera has been configured to start with the following default settings:

Video Resolution	Video 960p-30fps (NTSC)
Photo Resolution	11 Megapixels (MP)
Time Lapse Interval	0.5 seconds
Power Up Mode	Video
Protune	Off
Wi-Fi	Off

> See **SETTINGS** menu to make changes to how the camera captures video and photos.

### POWERING ON AND OFF

#### To power ON:

Press and release **[mode]**. The red LED **Indicator Lights** will flash three times and the **Sound Indicator** will emit three beeps.

#### To power OFF:

Press **[mode]** for two seconds, then release. The red LED **Indicator Lights** will flash several times and the **Sound Indicator** will emit seven beeps.

**Pro Tip:** Need one-touch **ON** operation that starts video record immediately? Set camera to **One Button** mode.

## USING YOUR HERO3: CAMERA MODES

### OVERVIEW

The HERO3 features several camera operation modes. Most modes may be changed in the **Settings** menu.

Video	Record video
Photo	Capture single photo
Photo Burst	Capture up to 10 photos in 1 second <sup>3</sup>
Time Lapse	Capture 1 photo every 0.5 seconds <sup>4</sup>
Settings	Change camera settings
Playback <sup>5</sup>	View photos and videos on LCD Touch, TV/HDTV (via micro-HDMI cable)

> See **ENTERING SETTINGS MENU** for more information.

### RECORDING VIDEO [video icon]

Verify camera is in **Video** mode. If it is not showing, press **[mode]** repeatedly until it appears. The default video setting is 960p-30fps (NTSC).

The LCD screen displays **[video icon]**, FOV, video resolution setting, fps, number of videos stored on the memory card, balance of time remaining on card before full, and battery capacity.

#### To start recording:

Press and release **[S]**. The camera will emit one beep and the red LED **Indicator Lights** will flash while recording.

#### To stop recording:

Press and release **[S]**. The red LED **Indicator Lights** will flash three times and the camera will emit three beeps.

The HERO3 automatically stops recording when memory card is full or battery is out of power. Video is saved before the camera powers off.

---

<sup>3</sup> Settings include: take 3 photos in 1 second, 5 photos in 1 second, 10 photos in 1 second, 10 photos in 2 seconds

<sup>4</sup> Settings include: take 1 photo every .5, 1, 2, 5, 10, 30 or 60 seconds

<sup>5</sup> Playback icon displayed only when GoPro LCD BacPac or other viewing device is connected

**PRO TIP:** Activate **One Button** mode to have camera automatically begin recording when powered **ON**. To halt recording and keep camera on, press and hold **[S]** for two seconds. To halt recording and turn camera off, press and hold **[mode]** for two seconds.

>See **One Button** mode for more information.

### **TAKING A PHOTO [photo icon]**

Verify camera is in **Photo** mode. If it is not showing, press **[mode]** repeatedly until it appears. The default photo size is 11 MP Wide.

The LCD screen displays **[photo icon]**, FOV, photo resolution size (MP), number of photos stored on the memory card, number of photos that can be taken before full, and battery capacity.

#### **To take a photo:**

Press and release **[S]**. The camera will beep one time and the red LED **Indicator Lights** will flash.

### **PHOTO BURST MODE [burst icon]**

In **Photo Burst** mode the camera will take multiple photos in a short period of time. The default setting is 10 photos in 1 second.

Verify camera is in **Photo Burst** mode. If it is not showing, press **[mode]** repeatedly until it appears.

The LCD screen displays **[burst icon]**, FOV, photo resolution size (MP), the **Photo Burst** setting, number of photos stored on the memory card, number of photos that can be taken before full, and battery capacity.

#### **To take Photo Burst mode series:**

Press and release **[S]**. The red LED **Indicator Lights** will flash and the camera will beep 10 times.

**Pro Tip:** Tracking fast action subjects and want to improve your chance for nailing a sharp shot? Set camera to **Photo Burst** and select best from the series.

### **TIME LAPSE PHOTO [time lapse icon]**

**Time Lapse Photo** mode captures a series of photos at **0.5, 1, 2, 5, 10, 30** or **60** second intervals. When using 0.5 seconds, it is recommended to use Speed Class 10 or higher memory card. The default **Time Lapse** setting is 0.5 seconds.

Verify camera is in **Time Lapse** mode. If not showing, press **[mode]** repeatedly until it appears.

The LCD screen display **[time lapse icon]**, FOV, photo resolution size (MP), the **Time Lapse** setting, number of photos stored on the memory card, number of photos that can be taken before full, and battery capacity.

**To take Time Lapse photos:**

Press and release **[S]**. The camera will initiate countdown and red LED **Indicator Lights** will flash each time a photo is taken.

**To stop Time Lapse photos:**

Press and release **[S]**. The red LED **Indicator Lights** will flash three times and the camera will emit three beeps to indicate **Time Lapse** has stopped.

>See **Time Lapse** for instructions on how to change interval settings.

## CHANGING CAMERA MODES/SETTINGS

### ENTERING SETTINGS MENU **[settings icon]**

The HERO3 offers options to customize and adjust how video and photos are captured. Navigate to **Settings** menu to make changes.

**[settings icon]** Verify camera is in **Settings** menu:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through various **Settings**.
3. Press **[S]** to select desired option. Some **Settings** offer multiple options.
4. Use **[mode]** to cycle through options.
5. Press **[S]** to select highlighted option.
6. To exit after making selection, use **[mode]** to cycle to **[EXIT]**.
7. Press **[S]**.

**PRO TIP:** Want to return to camera default settings? Press and hold **[S]** for two seconds.

## VIDEO RESOLUTION MODES

The HERO3 camera produces in the following video resolutions:

Resolution	FPS	Field of View	Best Use
1080p	30	Ultra Wide	TBD – revise with best instances
1080p	24	Ultra Wide	
960p	48*default	Ultra Wide	
960p	30	Ultra Wide	High quality action 4:3 video, crop to best shot
720p	60	Ultra Wide	Highest quality action, slow motion post edit, playback
720p	30	Ultra Wide	General use, all around
WVGA	120	Ultra Wide	Lower power, slow motion post edit, playback

With **Protune** mode activated, the following video resolutions are available:

Resolution/FPS	Field of View	Screen Resolution	Bitrate	Best Use
1080p/30T	Ultra Wide	1920x1080	Professional	Highest quality, best for professional video editing
1080/24T	Ultra Wide	1920x1080	Professional	Highest quality, best for professional video editing
960p/48T	Ultra Wide	1280x960	Professional	Highest quality, best for professional video editing
960p/30T	Ultra Wide	1280x960	Professional	Highest quality, best for professional video editing
720p/60T	Ultra Wide	1280x720	Professional	Highest quality, best for professional video editing

The HERO3 camera supports **Protune** in both NTSC and PAL settings.

### VIDEO SETTINGS [video icon]

Customize the HERO3 **Resolution**, **Frames Per Second (FPS)** and **Field of View (FOV)** settings for video recording.

[settings icon] To change video capture, verify camera is in **Settings** menu. If not showing, press [mode] repeatedly until it appears:

1. Press [S] to enter [settings icon] menu.
2. Use [mode] to cycle through **Settings** menu to locate [video icon].
3. Press [S] to enter **Video** menu.
4. Use [mode] to cycle through options.
5. Press [S] to select highlighted option.
6. To exit after making selections, use [mode] to highlight [EXIT].
7. Press [S].
8. To exit **Settings**, use [mode] to cycle to [EXIT], then press [S].

**Note:** Certain combinations of **Resolution**, **FPS** and **FOV** are not possible. See [gopro.com/support](http://gopro.com/support) for additional information.

### PHOTO RESOLUTION [photo icon]

The HERO3 can take photos in **11 MP**, **8 MP** and **5 MP** resolutions. Any change to the resolution affects photos taken in **Photo**, **Burst** and **Time Lapse** modes.

[TABLE]

11 MP Wide (default)

8 MP Medium

8 MP Wide

5 MP Medium

**[settings icon]** To change **Photo** resolution, verify camera is in **Settings** menu. If not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** menu to locate **[photo icon]**.
3. Press **[S]** to enter **Photo** menu.
4. Use **[mode]** to cycle through options.
5. Press **[S]** to select highlighted option.
6. To exit after making selection, use **[mode]** to cycle to **[EXIT]**.
7. Press **[S]**.

### **PHOTO BURST [burst icon]**

**Photo Burst** mode produces a rapid-fire series of photos and can operate in one of four different combinations.

[TABLE]

3 photos in 1 second

5 photos in 1 second

10 photos in 1 second (default)

10 photos in 2 seconds

**[settings icon]** To change **Photo Burst** mode, verify camera is in **Settings** mode. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** menu to locate **[burst icon]**.
3. Press **[S]** to enter **Burst** menu.
4. Use **[mode]** to cycle through options.
5. Press **[S]** to select highlighted option.
6. To exit after making selection, use **[mode]** to cycle to **[EXIT]**.
7. Press **[S]**.

### **TIME LAPSE [time lapse icon]**

Several time interval settings are available for **Time Lapse** mode photos, including **0.5, 1, 2, 5, 10, 30** and **60** seconds. After selecting the interval, specify whether to optimize for **VIDEO** or **STILLS**<sup>6</sup>.

---

<sup>6</sup> The recommend setting for videos is ON; for still photos is OFF

**[settings icon]** To change **Time Lapse** mode, verify camera is in **Settings** menu. If not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** menu to locate **[Time Lapse icon]**.
3. Press **[S]** to enter **Time Lapse** menu.
4. Use **[mode]** to cycle through options.
5. Press **[S]** to select highlighted option.
6. Use **[mode]** to cycle through sub-menu options **VIDEO** and **STILLS**; press **[S]** to select highlighted.
7. To exit after making selection, use **[mode]** to cycle to **[EXIT]**.
8. Press **[S]**.

### **DELETE FILES [delete icon]**

Delete the last file or all files on the memory card. During **DELETE LAST** or **All**, the LED **Indicator Lights** will blink until formatting is complete.

[TABLE]

CANCEL (default)

LAST

ALL/FORMAT

**[settings icon]** To **DELETE LAST** or **ALL**, verify camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** and locate **[delete icon]**.
3. Press **[S]** to enter **Delete**.
4. Use **[mode]** to cycle through options.
5. Select highlighted option by pressing **[S]**.
6. To exit **Delete**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

### **CAMERA ORIENTATION [camera orientation up down icon]**

Mounting the camera upside down but wish files to appear upright when viewing or transferring? This setting eliminates the need to 'flip' the video or photo.



**[settings icon]** To change **Camera Orientation**, verify camera is in **Settings** menu. If not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** menu to locate **[Capture Settings icon]**.
3. Press **[S]** to enter **Capture Settings**.
4. Use **[mode]** to locate **[camera orientation up down icon]**.
5. Press **[S]** to enter **Camera Orientation** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted by pressing **[S]**.
8. To exit **Camera Orientation** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
9. To exit **Settings**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

#### **SPOT METER [spot meter icon]**

Turn on **Spot Meter** when filming from within a dark space pointing the camera into a brighter setting, such as filming the outdoors from inside a car. When set to **ON**, the **[spot meter icon]** appears in the LCD window.

**[settings icon]** To change **Spot Meter**, verify camera is in **Settings** menu. If not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** menu to locate **[Capture Settings icon]**.
3. Press **[S]** to enter **Capture Settings**.
4. Use **[mode]** to locate **[spot meter icon]**.
5. Press **[S]** to enter **Spot Meter** sub-menu.
6. Use **[mode]** to cycle through options and select highlighted by pressing **[S]**.
7. To exit **Spot Meter** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
8. To exit **Capture Settings**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

## **VIDEO LOOPING [video looping icon]**

Not certain when desired action will happen, but want to be sure it's captured on video? Set camera to **Video Looping** to continuously "record and over-write" until **[S]** is pressed.

Off (default)

Max Camera records until memory card is full, then over-writes with new video. \*

5 min Camera records for 5 minutes, then over-writes and begins a new video.

20 min Camera records for 20 minutes, then over-writes and begins a new video.

60 min Camera records for 60 minutes, then over-writes and begins a new video.

120 min Camera records for 120 minutes, then over-writes and begins a new video.

**Note:** Multiple chapter files are written to the memory card. This allows for small segments of content to be over-written during loop recording.

**[settings icon]** To turn **Video Looping** on, verify camera is in **Settings** menu. If not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** menu to locate **[Capture Settings]**.
3. Press **[S]** to enter **Capture Settings**.
4. Use **[mode]** to locate **[video looping icon]**.
5. Press **[S]** to enter **Video Looping** sub-menu.
6. Use **[mode]** to cycle through options and select highlighted option by pressing **[S]**.
7. To exit **Video Looping** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
8. To exit **Capture Settings**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

## **Protune**

**[protune icon]** The HERO3 camera can record video in Protune mode. Protune enables video recording at a higher 35Mbps data rate, and shooting at 24fps, for easier intercut to other source files. Protune also improves color profiling for work on professional quality video created using major post-production platforms.

Turning Protune ON affects several settings and features, such as **Video Resolution**, **Frames Per Second (FPS)** and **Field of View (FOV)**. It cannot be used during simultaneous recording or during playback to a smart device.

> See **Protune** for more information.

Protune - NTSC

1080p/30T default

1080p/24T

960p/48T

960p/30T

720p/60T

Protune – PAL

1080p/25T default

1080p/24T

960p/50T

960p/25T

720p/50T

**[settings icon]** To turn **Protune** ON, verify camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter the **Settings** menu.
2. Use **[mode]** to cycle through the **Settings** menu to locate **Capture Settings**.
3. Press **[S]** to enter **Capture Settings** sub-menu.
4. Use **[mode]** to cycle through the menu to locate **Protune**.
5. Press **[S]** to enter **Protune** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted option by pressing **[S]**.
8. To exit **Set Up** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

### **WHITE BALANCE [WB icon]**

Adjust how the HERO3 handles **White Balance**. The default setting is **AUTO** white balance. When **ON**, the **[WB icon]** appears in the upper right hand of LCD.

AUTO (default)

3000K

5500K

6500K

Cam RAW

**Note:** Cam RAW is the full native file as captured and processed by the image sensor. Additional software may be needed to convert and work with RAW files.

[settings icon] To adjust **White Balance**, verify camera is in **Settings** menu. If not showing, press [mode] repeatedly until it appears:

1. Press [S] to enter [settings icon] menu.
2. Use [mode] to cycle through **Settings** to locate [Capture Settings icon].
3. Press [S] to enter **Capture Settings**.
4. Use [mode] to locate [WB icon].
5. Press [S] to enter **White Balance** sub-menu.
6. Use [mode] to cycle through options.
7. Select highlighted option by pressing [S].
8. To exit **White Balance** sub-menu, use [mode] to cycle to [EXIT], then press [S].
9. To exit **Capture Settings** menu, use [mode] to cycle to [EXIT], then press [S].

**PRO TIP:** Consider manually setting **White Balance** when operating in the following conditions:

- 3000K for incandescent or sunrise/sunset lighting
- 5500K for daylight or sunlit shooting
- 6500K for cool white fluorescent skylight lighting
- Cam RAW for full file information

### **STARTUP DEFAULT [default icon]**

Set which camera mode is immediately active when camera is powered **ON**.

[icon]	Video (default)
[icon]	Photo
[icon]	Photo Burst
[icon]	Time Lapse
[icon]	Last

[settings icon] To adjust **Default** mode, verify camera is in **Settings** menu. If not showing, press [mode] repeatedly until it appears:

1. Press [S] to enter [settings icon] menu.
2. Use [mode] to cycle through **Settings** to locate [set up icon].
3. Press [S] to enter **Set Up**.
4. Use [mode] to locate [default icon].
5. Press [S] to enter **Default** sub-menu.
6. Use [mode] to cycle through options.
7. Select highlighted option by pressing [S].
8. To exit **Default** sub-menu, use [mode] to cycle to [EXIT], then press [S].
9. To exit **Set Up** menu, use [mode] to cycle to [EXIT], then press [S].

The option **LAST** configures camera to start up in mode active when camera was last powered **OFF**.

### **ONE BUTTON [one button icon]**

With **One Button** mode selected, the camera automatically begins recording video as soon as powered **ON**.

**[settings icon]** To change **One Button** mode, verify camera is in **Settings** mode. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through the **Settings** to locate **[Set Up]**.
3. Press **[S]** to enter **Set Up**.
4. Use **[mode]** to cycle through to locate **[one button icon]**.
5. Press **[S]** to enter **One Button** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted option by pressing **[S]**.
8. To exit **One Button** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
9. To exit **Set Up**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

**Note:** When in **One Button** mode, camera will start taking video as soon as turned on. To halt recording and keep camera on, press and hold **[S]** for two seconds. To halt recording and turn camera off, press and hold **[mode]** for two seconds.

To turn **One Button Mode** OFF while the camera is operation (remember, since the camera is in **One Button** mode it will be recording):

1. Press and hold the **[S]** until **[icon]** shows in the LCD window.
2. Press **[S]** once again.
3. Use the **[mode]** button to highlight OFF.
4. Select OFF by pressing **[S]**.

### **NTSC/PAL**

The **NTSC** and **PAL** settings govern video recording frame rate and playback when viewing video on a TV/HDTV. Select **NTSC** when viewing on a TV in North America. Select **PAL** if viewing on a PAL TV (most televisions outside of North America) or if viewing on a PAL TV in any region.

NTSC default

1080p/30

1080p/24

960p/48

960p/30

720p/60

720p/30

WVGA/120

PAL  
1080p/25  
1080p/24  
960p/50  
960p/25  
720p/50  
720p/25  
WVGA/120

### **ONSCREEN DISPLAY (OSD) [OSD icon]**

To display or hide recording icons and file information on a video or viewing screen during playback, turn **Onscreen Display** to **ON** or **OFF**.

**[settings icon]** To change **Onscreen Display**, verify camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through the **Settings** to locate **[Set Up]**.
3. Press **[S]** to enter **Set Up**.
4. Use **[mode]** to locate **[OSD icon]**.
5. Press **[S]** to enter **OSD** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted option by pressing **[S]**.
8. To exit **OSD** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
9. To exit **Set Up**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

### **LED LIGHTS [LED icon]**

Keep all four **LED Indicator Lights** active, only two active (front and back) or turn **OFF** all lights.

4 (default)  
2  
OFF

**[settings icon]** To change **LED Lights** display, verify camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through the **Settings** to locate **[Set Up]**.
3. Press **[S]** to enter **Set Up**.
4. Use **[mode]** to locate **[LED icon]**.
5. Press **[S]** to enter **LED Lights** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted option by pressing **[S]**.
9. To exit **LED Lights** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
10. To exit the **Set Up**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

## **CAMERA SOUND [sound icon]**

Adjust the volume or turn off the camera **Sound Indicator**.

100% (default)

70%

OFF

**[settings icon]** To change **CAMERA SOUND**, verify that the camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through the **Settings** to locate **[Set Up]**.
3. Press **[S]** to enter **Set Up**.
4. Use **[mode]** to cycle through locate **[sound icon]**.
5. Press **[S]** to enter **Camera Sound** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted option by pressing **[S]**.
8. To exit **Camera Sound** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
9. To exit **Set Up**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

## **MANUAL OFF [on/off icon]**

The camera can be configured to automatically turn off after a specific period of inactivity (when no videos or photos are being taken and no buttons have been pressed).

[TABLE]

MANUAL (default)

60 sec

120 sec

300 sec

**[settings icon]** To change **Manual OFF**, verify camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through **Settings** to locate **[Set Up]**.
3. Press **[S]** to enter **Set Up**.
4. Use **[mode]** to locate **[Manual off icon]**.
5. Press **[S]** to enter **Manual off** sub-menu.
6. Use **[mode]** to cycle through options.
7. Select highlighted option by pressing **[S]**.
8. To exit **Manual off** sub-menu, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.
9. To exit **Set Up**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

## SETTING DATE AND TIME [date icon]

Set the camera's clock to ensure that video and photo files are saved with correct date/time.

**[settings icon]** To change **Date/Time/Month**, verify camera is in **Settings** menu. If it is not showing, press **[mode]** repeatedly until it appears:

1. Press **[S]** to enter **[settings icon]** menu.
2. Use **[mode]** to cycle through the **Settings** to locate **[Set Up]**.
3. Press **[S]** to enter **Set Up**.
4. Use **[mode]** to locate **[date icon]**.
5. Press **[S]** to enter **[date icon]** sub-menu; the **Month** will be highlighted.
6. Press **[S]** to access the list of months (1 to 12).
7. Use **[mode]** to cycle through the list until the desired selection is highlighted.
8. Press **[S]** to select highlighted selection; the **Date/Time/Month** setting menu will again appear on the LCD again.
9. Press **[mode]** to move through all selections; use **[S]** to select and change any highlighted selection.
10. To exit the **Date/Time/Month** sub-menu, go to **MM** (minutes) and press **[mode]**.
11. Use **[mode]** to cycle to **EXIT**, then press **[S]**.
12. To exit **Set Up**, use **[mode]** to cycle to **[EXIT]**, then press **[S]**.

**Note:** If the battery is removed from the camera for an extended period of time the date/time information will need to be set again.

## STORAGE/MICROSD CARDS

The HERO3 camera is compatible with **2GB, 4GB, 8GB, 16GB, 32GB** and **64GB** capacity **microSD, microSDHC** and **microSDXC** memory cards. All speed class ratings are compatible. GoPro recommends higher rated cards (labeled as Class 4 or higher) when shooting video or **Time Lapse**. GoPro recommends using name brand memory cards for maximum reliability.

### To insert memory card:

1. Slide memory card into card slot with label facing front of camera.
2. Card will click into place when fully inserted.

### To remove memory card:

1. Place fingernail against edge of memory card and press further into camera.
2. Card will spring out far enough to be removed.

**Note:** Use care when handling memory cards. Avoid liquids, dust and debris. As a precaution, turn off camera before inserting or removing. Check manufacturer guidelines regarding use in acceptable temperature ranges.



## COMPUTER SYSTEM REQUIREMENTS

The HERO3 camera is compatible with Microsoft® XP (Service Pack 2) or later and Mac OS X 10.4.11 or later.

### Windows requirements:

- Windows XP (Service Pack 2 or later) or Vista
- 3.2 GHz Pentium 4 or faster
- Direct X 9.0c or later
- At least 1GB of system RAM
- Video card with at least 256MB of RAM

### Mac Requirements:

- Mac OS X v10.4.11 or later
- 2.0 GHz Intel Core Duo or faster
- At least 1GB of system RAM
- Video card with at least 128MB of RAM

## TRANSFERRING FILES

### PC:

1. Connect camera to computer using included USB cable.
2. Press **[mode]** to turn on camera.
3. Double click “My Computer” and locate “Removable Disk.”
4. If “Removable Disk” Is not showing, close “My Computer” folder and reopen it. The “Removable Disk” icon should appear.
5. Double click the “Removable Disk” icon.
6. Double click the “DCIM” folder icon.
7. Double click the “100GOPRO” icon to view all photo and video files.
8. Copy/move files to the computer or external hard drive.

### Mac:

1. Connect camera to Mac using included USB cable.
2. Press **[mode]** to turn on camera.
3. The Mac will recognize the camera as an external hard drive. Double click icon for external drive to access files.
4. Copy/move files to computer or external hard drive.

**Important tip for Mac users:** When deleting files from memory card, empty the trash before removing the memory card or unplugging the camera. Failure to do so will result in all files being erased from the memory card.

## VIEW VIDEOS AND PHOTOS ON TV/HDTV

**[playback icon]** Connect HERO3 to TV/HDTV using accessory cable such as micro-HDMI cable or mini-USB-to-composite cable (not included).

Once connected:

- With the camera powered ON, navigate to **Playback** using **[mode]**. Press **[S]** to enter the Playback menu.
- The HERO3 will display thumbnail previews of all videos and photos on the card. Photo sets taken in **Burst Mode** or **Time Lapse** will display the first photo in the series as thumbnail for entire set.
- Within thumbnail screen, use to **[mode]** toggle through the thumbnails and **[S]** to start playback or view highlighted file. Use **NEXT** and **PREVIOUS** to navigate to additional thumbnail screens.

## Sorting Thumbnails Using “Sort By”

**[sort icon]** Quickly find files of the same type using **sorting function**. From thumbnails screen:

- Using **[mode]**, cycle through thumbnails until cursor is on **[sort icon]**
- Select **[sort icon]** by pressing **[S]**
- Use **[mode]** to cycle through **ALL, Video, Photo, XXX**
- Select highlighted option by pressing **[S]**.
- To cycle through selections, use **[mode]**.
- Select highlighted option by pressing **[S]**.

Xxxxx

## PLAYBACK OF VIDEO FILES

Select the thumbnail of the video to be viewed. The video playback screen appears with video paused and **Play** button highlighted. Press **[S]** to begin playback.

While video is playing, the on screen icons shown include: PAUSE, REWIND, FAST FORWARD, [SLOW ICON NAME] and RETURN TO THUMBNAILS.



- To REWIND or FAST FORWARD, highlight the icon with [mode] then press and hold [S]. Release [S] when you want to return to regular playback.
- To play video in slow motion, highlight [ICON NAME] and press [S].

While the video is paused, you can use [mode] to cycle through the icons for the NEXT file on the microSD card, the PREVIOUS file, [SLOW ICON NAME] or RETURN TO THUMBNAI LS. Press [S] to select the highlighted option.

### **PLAYBACK OF SINGLE PHOTO FILES**

After selecting a photo file thumbnail with [S], your photo will display along with on-screen buttons to select the NEXT file on the microSD card, the PREVIOUS file, AUTO-PLAY and RETURN TO THUMBNAI LS. Use [mode] to cycle through the icons then press [S] to select the highlighted option.

See AUTO PLAY for information about using the Auto Play “slideshow” mode.

### **PLAYBACK OF BURST AND TIME LAPSE FILES**

After selecting a **Burst** or **Time Lapse** file thumbnail with [S], the first image in the sequence to display with VIEW highlighted. Press [S] to view the first photo in the series and access the individual playback controls, NEXT or PREVIOUS to move to other files on your microSD card, or THUMBNAI LS to return to the thumbnail menu.

On the individual playback screen, you can select PLAY to view each photo in the series, NEXT or PREVIOUS to access other photos in the series, or BACK to return to the previous screen.

### **CONFIRM Auto Play**

**Auto Play** plays back photo and video files in a continuous slideshow.

From thumbnails playback screen:

- Select **OPTION** menu
- Select **Auto Play**
- Select ALL, PHOTOS or VIDEOS. The option PHOTOS includes photos taken in **Photo**, **Burst** and **Time Lapse** modes.

During **Auto Play**, the slide show may be PLAY/PAUSE the slideshow, move to the NEXT or PREVIOUS files on the microSD card, FAST FORWARD or REWIND (during video playback), and EXIT Auto Play to return to thumbnails.

**NOTE:** For camera to work properly with TV, ensure camera is set to the correct video setting: NTSC (North America) or PAL (outside North America). A memory card with recorded information must be inserted into the HERO3 camera. If no video or photo files are present on the card, the message **No Video**, **No Photo** or **No Files** will appear.

## BATTERY

A fully charged HERO3 battery provides approximately two hours of video recording time at 720p-60fps. If using the HERO3 with LCD BacPac, the battery provides approximately **XX** hours of video recording time at 720p-60fps. The LCD displays the battery meter in every camera mode.

## CHARGING BATTERY

The battery icon as displayed in the LCD will blink when battery drops below **xx%**. If recording is occurring when the battery reaches **xx%**, the camera will save the file and turn off.

### To charge battery:

1. Connect camera to computer via USB cord or USB power supply.
2. Front red LED **Activity Light** remains on while the battery is charging.
3. Front red LED **Activity Light** turns off when battery is fully charged.

The camera battery will charge to 80% in one to two hours and 100% in four hours (depending on USB power output). Battery will charge to 80% in one hour and 100% in two hours when using GoPro 1000mAh USB-compatible wall or auto charger.

## USING CAMERA WHILE CHARGING

The battery may be charged within the camera while recording video or taking photos. Simply plug the camera into any USB-based wall, car, or phone charger to charge the HERO3 camera. The GoPro 1 amp (1000mAh) charger offers maximum charging performance.

No damage will occur to camera or battery is used together prior to a full charge.

## REMOVING BATTERY

The HERO3 battery enclosure area provides a snug fit to maximize battery connection and reliability when camera is used in high vibration activities.

### To remove battery:

1. Remove battery door by placing thumb on indentation in camera and sliding switch to left, toward HERO Port on back of camera.
2. Grab pull-tab on battery and remove.

Spare batteries and additional accessories are available at **gopro.com** and from authorized GoPro resellers.

## IMPORTANT WARNING MESSAGES

### Camera Operation Messages

BUSY  
OTHER

### Temperature Warning

The temperature warning icon will appear on the LCD when the camera becomes too hot and needs to cool. Allow camera to sit idle until warning icon disappears. The camera will not overheat.

### microSD Card Messages

NO SD            No card present. The HERO3 requires microSD, microSDHC or microSDXC card to record video or take photos.  
SD FULL        Card is full. Delete files or replace card.  
SD ERROR      Camera unable to access card.  
SD LOCKED    Card is “locked.” No video or photo files can be stored on it.

## HOUSING AND LATCH

### Protect the Camera

To protect GoPro camera, place within the ultra-durable stainless steel and polycarbonate housing and close securely.

**Pro Tip:** Have only one hand free? Try pinching the locking latch slide and the front corner of the latch to quickly open. Place thumb on front left corner of the latch and place index finger to slide latch toward the left (in direction of arrow). Once slid over, the latch should easily lift by applying upward pressure.

## CAMERA HOUSING BACKDOORS

The HERO3 housing comes with two types of backdoors—Skeleton and Standard.

### Skeleton

The Skeleton backdoor (non-waterproof) provides protection to the camera while allowing access to operation buttons. Use this backdoor if audio capture is desired.

### Standard

The Standard backdoor (waterproof) protects the camera to a depth of 197 feet / 60 meters. Employ when camera may be used in and around water or other environmental hazards.

**Pro Tip:** When using camera in rain or water, apply RAIN-X or similar anti-beading solution to housing lens to prevent water spots from forming. When RAIN-X is not available, periodically licking the lens may help.

**To swap out backdoor:**

1. Open backdoor so that it hangs downward.
2. Gently pull downward on the backdoor until it snaps free from hinge.
3. Line up replacement backdoor into hinge opening.
4. Push upwards on backdoor until it clicks into place.

**PROTECTING THE CAMERA**

The rubber seal lining the camera housing door forms a waterproof barrier that protects the HERO3 in wet and underwater conditions. Keep the rubber seal clean and locked tight when closed; a single hair or grain of sand can cause a leak.

After every use in salt water, rinse housing and rubber door seal with non-salt water. Pat case dry, avoiding contact with seal; allow seal to air dry. Drying this area with a cloth can leave lint which may compromise the closure.

**WARNING:** Failure to follow these steps when using the HERO3 can result in leaks that may damage the camera. Failure to properly clean the housing after each use may cause corrosion of the hinge pin, and salt build-up in the seal which could compromise waterproof soundness. Water damage due to user error is not covered by the warranty.

**ATTACHING CAMERA TO MOUNTS**

Attach the HERO3 to curved or flat surfaces using one of the many GoPro mount accessories. The HERO3 camera, attachment buckle, proper mount and thumb screw are all it takes.

**USING CURVED OR FLAT ADHESIVE MOUNTS**

Attaching the camera to a helmet, surfboard, vehicle or other just about anything is fast and easy. The attachment buckle permits the camera to be clicked **ON/OFF** a secured adhesive mount in an instant.

**LOCKING PLUG**

Using the camera in high impact sports such as surfing or skiing where significant vibration may occur? Use the special locking plug (optional purchase) which securely locks attachment buckle fingers into place--helping prevent accidental housing release from the mount.

**Pro Tip: Attaching Adhesive Mount**

**Apply to clean surface only.** Carefully clean surface where mount will be attached. Wax, oil, dirt or other debris will reduce adhesion, which can result in a weak bond and risk of losing camera should connection fail.

**Attach mount in room temperature conditions.** The mount's adhesive will not bond properly if applied in cold or damp environments.

**Surfaces.** Adhesive mounts can only be mounted to smooth surfaces; porous or textured surfaces will not enable a proper bond. When applying mount, firmly press into place and ensure full contact over entire surface.

**Drying time.** For best results, attach the mount a minimum of 24 hours prior to use.

For more information on mounts, visit **[gopro.com/support](https://gopro.com/support)**.

**CUSTOMER SUPPORT**

GoPro is dedicated to providing the best possible service. To reach the GoPro Customer Support Team, **see: [gopro.com/support](https://gopro.com/support)**.