

## GoPro Hero3: Black Edition Camera

The **GoPro HERO3: Black Edition Camera** is smaller and lighter than its predecessor. It's also Wi-Fi enabled. The HERO3 is designed for recording action sports and it comes with a rugged housing that is waterproof down to a depth of 197' (60 m). The camera captures 4K Cinema, 2.7K Cinema, 1440p and Full HD 1920 x 1080p video. It also captures 960p, 720p and 480p video as well. Plus, it supports NTSC and PAL, and it can record up to 240 fps. For still images, the HERO3 supports 5, 7 and 12-megapixel photos.

The HERO3 includes the GoPro Wi-Fi Remote and it's compatible with the optional LCD Touch BacPac and Battery BacPac. The Wi-Fi Remote has a range of up to 600' (180 m). Plus, it's waterproof down to 10' (3 m) and it can control up to 50 cameras at a time. The camera features an ultra wide angle, 6-element aspherical lens, a 12-megapixel low-light image sensor and a microSD card slot that accepts up to 64GB cards. There's a USB 2.0 port, a micro HDMI output and a port for optional accessories including the 3.5mm Stereo Mic Adapter and Composite A/V Adapter.

To ensure you get the best shot possible, the HERO3 is equipped with advanced camera settings including video looping, continuous photo, Protune, manual white balance controls and more. Plus, it supports 12-megapixel burst shooting at 30 fps and time-lapse recording at 0.5, 1, 2, 5, 10, 30 or 60 second intervals.

The HERO3 also supports picture in video, which allows you to simultaneously capture video and photos. The camera's battery is a 1050 mAh rechargeable lithium-ion battery.

Wearable and mountable camera with ultra-sharp f/2.8 6-element aspherical glass lens supports immersive, wide angle capture of your favorite activities  
Captures video at 2.7K (30 fps) Cinema, 4K (12 fps) Cinema, 1440p (48 fps), 1080p Full HD (30 fps), 960p HD (100 fps), 720p HD (120 fps) and 480p WVGA (240 fps)

Professional quality 5, 7 and 12-megapixel photo capture with 30 fps burst mode  
Built-in Wi-Fi enables remote control via Wi-Fi Remote (included) or live video preview and remote control on smartphones and tablets running the free GoPro App.

The GoPro App lets you control your camera remotely, preview shots and play back content on your smartphone or tablet. Plus, it makes it easy to share your favorite photos and videos via email, text, Instagram, Facebook and more. The app also lets you browse and delete files on the camera's memory card or copy photos and videos to a GoPro album on your smartphone or tablet

- Wearable Wi-Fi Remote is waterproof down to 10' (3 m), features a 600' (180 m) range, and can control up to 50 cameras at a time
- Rugged housing is waterproof to 197' (60 m) and captures sharp images above and below water
- Compatible with all GoPro mounts for attaching to gear, body, helmets, vehicles and more
- Compatible with LCD Touch BacPac and second generation Battery BacPac
- Backwards compatible with older generation BacPacs
- Advanced camera settings include video looping, continuous photo, picture in video, Protune, manual white balance controls and more
- Port for optional accessories supports 3.5mm Stereo Mic Adapter and Composite A/V Adapter (sold separately)
- Basic mounts and hardware included for attaching to helmets, gear and more
- Supports microSD cards up to 64GB
- Micro HDMI output
- Enhanced audio performance supports AAC audio compression with AGC
- Picture in video capable of shooting a photo every 5, 10, 30 or 60 sec while you record video
- Time-lapse video in 0.5, 1, 2, 5, 10, 30 or 60 second intervals
- Continuous photo at 3, 5 or 10 photos/sec
- Burst shooting modes (photos/sec): 3/1, 5/1, 10/1, 10/2, 30/1, 30/2, 30/3
- Professional quality low-light performance is 2x better than previous model
- Image processing is 2x faster than previous model
- Auto, Cam Raw, 3000K, 5500K and 6500K white balance modes
- Camera supports up to 45 Mbps high video bitrate capture (H.264)
- Four red recording LED indicators and one blue wireless status LED indicator

## **Protune - Powerful Control for Professionals**

A video mode that unlocks the camera's full potential, Protune yields stunning image quality and cinema-caliber video for professional productions

35Mbps data rate provides an improved, less compressed image

Neutral color profile allows for greater latitude through the color correction process

Log curve encoding provides more detail in shadows and highlights

Reduced sharpening and noise reduction improves flexibility in professional workflows

24 fps frame rates so you can easily intercut GoPro content with other sources without fps conversion

<b>Camera</b>	
<b>Sensor</b>	12 Megapixel
<b>Optics</b>	
<b>Lens</b>	Fixed Focus f/2.8
<b>Lens Elements</b>	6
<b>Recording</b>	
<b>System</b>	NTSC/PAL
<b>Recording Media</b>	microSD Up To 64GB
<b>Recording Time</b>	Not Specified By Manufacturer
<b>Video Format</b>	<p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 3840 x 2160p / 12 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 2592 x 1458p / 30 fps 2592 x 1458p / 25 fps 2592 x 1458p / 24 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 2304 x 1440p / 48 fps 2304 x 1440p / 30 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 2304 x 1440p / 25 fps 2304 x 1440p / 24 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 1920 x 1080p / 60 fps 1920 x 1080p / 50 fps 1920 x 1080p / 48 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 1920 x 1080p / 30 fps 1920 x 1080p / 25 fps 1920 x 1080p / 24 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b> 1280 x 960p / 100 fps 1280 x 960p / 48 fps</p> <p><b>High Definition</b> <b>MPEG4-AVC/H.264</b></p>

	1280 x 720p / 120 fps 1280 x 720p / 100 fps <b>High Definition</b> <b>MPEG4-AVC/H.264</b> 1280 x 720p / 60 fps 1280 x 720p / 50 fps <b>Standard Definition</b> <b>MPEG4-AVC/H.264</b> 854 x 480p / 240 fps
<b>Still Image Resolution</b>	JPEG: 12 Megapixel JPEG: 7 Megapixel JPEG: 5 Megapixel
<b>Channels</b>	1.0-Channel Mono
<b>Audio Format</b>	AAC with AGC
<b>Features</b>	
<b>Waterproof Depth Rating</b>	197.0' / 60.0 m (Waterproof Housing)
<b>Interval Recording</b>	.5 sec 1 sec 2 sec 5 sec 10 sec 30 sec 60 sec
<b>Built-in Mic</b>	Yes
<b>Built-in Speaker</b>	No
<b>Built-in Light/Flash</b>	Light - No Flash - No
<b>Wi-Fi</b>	Yes
<b>Input/Output Connectors</b>	
<b>Outputs</b>	1x HDMI D (Micro) 1x USB 2.0
<b>Microphone Input</b>	Yes
<b>Headphone Jack</b>	No
<b>General</b>	
<b>System Requirements</b>	<b>Windows</b> Vista 7  <b>Mac</b> OS X 10.5 & later USB 2.0 Interface
<b>Battery</b>	Rechargeable Lithium-Ion Battery Pack, 1050mAh
<b>Charging Method</b>	USB
<b>Dimensions (WxHxD)</b>	2.3 x 1.5 x 0.8" / 58.4 x 38.1 x 20.3 mm
<b>Weight</b>	2.6 oz / 74 g