

GoPro HD Motorsports HERO (info courtesy of GoPro)
www.racerpartswholesale.com, 1-800-397-7815

Developed for professional use, but at a consumer price, the HD HERO line of wearable cameras capture full HD video rivaling cameras costing 10x the price. How? Our team consists of some of the the brightest minds in Silicon Valley who also happen to be obsessed with outdoor sports, race cars, and all things moto. Athletic super geeks? Indeed.

Professional Quality, Full HD Video

1080p, 960p, and 720p in 30 and 60 fps (720p). The HD HERO line of cameras offers three different HD resolutions, giving you three filming modes to capture the best angles for any given activity:

- 1080p: 1920x1080 True HD featuring a 127° angle of view, 30 fps, and 16:9 widescreen aspect ratio
- 960p: 1280x960 Ultra Wide and Tall HD featuring a 170° angle of view, 30 fps, and 4:3 aspect ratio. See more of the action above and below than widescreen 16:9 resolutions can show.
- 720p: 1280x720 Ultra Wide HD featuring a 170° angle of view, both 30 and 60 fps, and 16:9 widescreen aspect ratio

5MP Photos, Automatically

HD HERO cameras can shoot hands-free, 5 megapixel photos automatically at 2 / 5 / 10 / 30 / and 60 second intervals until the batteries die or the SD card is full (2.5 hours). Or set it to single shot, triple shot, or self timer for more traditional photo taking.

Audio Excellence

We've invested more in the HD HERO camera's sound system than most companies spend on their entire camera development. You'll only be hearing the sounds of your sport, not the howl of the wind. How? Obsessive audio engineering and an understanding that good sound is as important as good video.

Rechargeable Lithium-Ion, Built in Battery Warmer

The rechargeable 1100mAh lithium-ion battery (included) lasts for 2.5 hours of constant recording. It can be recharged to 80% capacity in just 2 hours when plugged into a computer's USB port, or in 1 hour when plugged into a USB compatible wall or car charger. Camera can also be used while charging...handy on road trips where it's fun to

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leave the camera rolling. Camera also features an integrated battery heating system for keeping your battery warm in winter activities.

Shockproof, Bombproof, Waterproof to 180' / 60m

Don't let a little water, or even a ton of water get in the way of getting the shot. Proven in heavy surf from Hawaii to Tahiti, Southern Mexico to Northern California, HD HERO cameras can handle it thanks their highly engineered polycarbonate exoskeletal housing. Waterproof to 180' / 60m and tough enough to take a spin across the asphalt, GoPos are built to take a beating. Replacement lens kits are also available for \$20, so there's little worry of scratching the tempered glass lens while going for glory. Trash the housing in a massive crash? Replacements are available for \$40. It's a GoPro...go for it.

Technical Specs:

Camera Optics

- Lens Type: Fixed Focus (2ft/.6m – ∞), glass
- Aperture: f/2.8 (high performance in low-light situations)
- Angle of View: 170° ultra wide angle in WVGA, 720p, or 960p mode
- Angle of View: 127° wide angle in 1080p mode

Video

- HD Video Resolution Modes: (subject to change, pending final firmware release)
 - 1080p = 1920x1080 pixels (16:9), 30 fps, 15 Mbit/s data rate
 - 960p = 1280x960 pixels (4:3), 30 fps, 12 Mbit/s data rate
 - 720p = 1280x720 pixels (16:9), 60 fps, 15 Mbit/s data rate
 - 720p = 1280x720 pixels (16:9), 30 fps, 8 Mbit/s data rate
 - WVGA = 848x480 pixels (16:9), 60 fps, 8 Mbit/s data rate
- Sensor Type: 1/2.5" HD CMOS, 2.2µm-sized pixels
- Light Sensitivity: Super low-light sensitivity (>1.4 V/lux-sec)
- Video Format: H.264 compression, saved as Windows- & Mac-compatible MPEG4 (.mp4) file
- Exposure Control: Auto with user selectable center weighted average and spot metering settings
- White Balance: Auto

Audio

- Microphone: Built-in, mono with AGC (automatic gain control)
- Audio Format: 48 kHz, AAC audio compression

Photo

- Resolution: 5 megapixel
- Capture Modes: Single shot, photo every 2, 5, 10, 30 or 60 secs.; 3 photo burst; self-timer

Storage

- Memory: SD card, up to 32GB capacity (SDHC)
- Average recording times (using 32GB SD card):
 - 1080p (30 fps): 4h 21m
 - 960p (30 fps): 5h 26m
 - 720p (60 fps): 4h 21
 - 720p (30 fps): 8h 09m
 - WVGA (60 fps): 8h 09m

Camera Connectors & Cables

- PC Connection: USB 2.0 (data connection and battery charging)
- HDTV Out: HD NTSC & PAL (component cable incl.)
- Audio Out: Combo 2.5mm jack with stereo audio and composite video out
- PC Compatibility: Windows® XP (Service Pack 2 or later) or Vista; Mac OS® X 10.4.11 and later

Power & Battery

- Battery Type: Rechargeable 1100 mAh lithium-ion
- Battery Life: Approx. 2.5 hrs
- Charging: via USB to computer or optional power adapter
- Charge Time: 80% capacity after 1 hour with optional power adapter; or 2 hours with a computer's USB port

Waterproof Camera Housing

- Depth Rating: Up to 180 feet / 60 meters
- Construction: Polycarbonate and stainless steel
- Hardware: Stainless steel

Size & Weight

- Dimensions (H x W x D): 1.6" x 2.4" x 1.2" (42mm x 60mm x 30mm)
- Weight: 3.3oz (94g) incl. battery, 5.9oz (167g) incl. housing

Optional Accessories

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- Additional Rechargeable 1100 mAh Lithium-Ion Battery (not yet available for pre-order)
- Full Line of Mounting Accessories

Optional Expansion Bakpacs™

An innovative expansion port on the back of the camera, the HERO Bus™ accepts optional Expansion Bakpacs to expand the functionality of HD HERO cameras:

- LCD Bakpac for on-camera preview and playback (not yet available for pre-order)
- Endurance Battery Bakpac for double battery life (not yet available for pre-order)
- More Bakpacs and expansion devices coming soon