



True ***HD***

GoPro[®]
Be a HERO. 

1080 p

960 p

720 p

60 f p s

30 f p s



The **HD HERO** line of wearable sports cameras



True **HD**™

Performance

Convenience



Rechargeable 1100mah
Lithium Ion battery included

1080p / 960p / 720p True HD Video at 30 and 60 Frames per Second

GoPro is proud to introduce the HD HERO, a professional wearable HD camera:

- + The world's first true 1080p HD wearable camera with 30 frames per second recording
- + The world's first 960p "full frame" resolution for max field of view (FOV) at 30 frames per second
- + The world's first 720p wearable camera that can shoot both 30 and 60 frames per second

With so many professional film and TV producers, athletes, and demanding enthusiasts already using our standard definition cameras, we had no choice but to develop the HD HERO line as a full blown professional line of wearable cameras, at a consumer price. Being far and away the world's leading maker of wearable sports cameras gives GoPro access to technology that makes this possible. Being totally obsessed with perfection doesn't hurt, either.

170° and 127° Wide Angle Shooting from One Lens

What good is HD video if you don't have a clear view of your knees and skis, your handlebars...or your friends' heads and legs? Just say no to narrow view video and feel like a hero each time you watch your HD Helmet HERO footage in the industry's widest 170° Surround Video™. Only from GoPro.

Looking for a slightly less-wide view to add variety to your video? 1080p is captured at 127° while 960p and 720p are captured at maxi-wide 170° wide angle. Take your pick and let 'er rip.

In either setting, you can be sure your picture will be über-sharp from edge to edge. At GoPro, the lens is king. All hail the lens.

HD Sound Included. Wind, be gone.

We're not just obsessed with HD video. We're also obsessed with sound. We've got more hours in development of our sound recording system than most companies put into their entire camera. When you hit ludicrous speed and only hear enough wind sound to let you know you're hauling the mail...you'll appreciate our OCD approach to sound.



5 Megapixel Photo Modes

At GoPro, we understand sometimes you're after HD video, and sometimes you just want a 5MP photo for a nice big print.

That's why our 170° lens is sharp from corner to corner, edge to edge...and why our 1.4 lux low light performance is industry leading...and why our 5MP sensor is a massive 1/2.5 inches. You'll have to trust us—that's big for an image sensor. 1/2.5 big ones.



2, 5, 10, 30, 60 secs. Auto-Photo Mode

See the photo on the left? That was shot with the camera in photo every two seconds mode, mounted to John Maher's board at roping Puerto. No kidding. Press the shutter button on the paddle out and forget about it. The battery lasts for over 2 hours of shooting a photo every 2 seconds.



3-Photo Burst Mode

Shoot 3 photos in two second burst mode. We purposely spaced the photos out over 2 seconds to give you sequence-friendly timing.



Self-Timer Mode

Grab your fellow HEROs and strike a pose. What's a camera without a bit of tradition? Get your self-timer on and GoPro.

1080 px



1080p True HD

Maximum resolution, clarity and realism. **1920x1080** full HD resolution captures your most heroic moments with more detail than any other wearable camera available. Professional-grade HD, only from GoPro.

960 px



960p Offers the Widest Viewing Area

Certain sports like motocross, mountain biking, and skiing require the maximum viewing area to really capture your speed and technique. Plus, it's fun to watch the suspension getting hammered while you blast away. **1280x960** 960p resolution gives you the largest field of view of any wearable camera. Only from GoPro.

720 px



720p Slow-Motion Cinema

While smooth 30 frames a second video is sure to please the eye...60 frames per second video played back in slow motion straight blows the mind. 720p at 60 frames per second will make you look so rad, your only risk is spending way too much time watching yourself. Only from GoPro.

HD HERO Technical Specifications



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/960p
- Angle of View: 127° wide angle in 1080p

Video

- HD Resolution Settings:
 - 1080p: 1920x1080 pixels, 30 fps, 15 Mbit/s data rate
 - 960p: 1280x960 pixels, 30 fps, 12 Mbit/s data rate
 - 720p: 1280x720 pixels, 30 fps with 8 Mbit/s data rate, or 60 fps with 15 Mbit/s data rate
 - WVGA: 848x480 pixels, 60 fps, 8 Mbit/s data rate
- Sensor Type: 1/2.5" HD CMOS, 2.2µm pixels
- Light Sensitivity: Super low-light sensitivity (>1.4 V/lux-sec)
- Video Format: H.264 compression, saved as MP4 (.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 with 32GB SD card:
 - 1080p: 4h 21m
 - 960p: 5h 26m
 - 720p (60 fps): 4h 21m
 - 720p (30 fps) and WVGA: 8h 09m

Connectors

- 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

Power and 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 Housing

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

Additional Information

- PC Compatibility: Windows® XP (Service Pack 2 or later), Vista, and Windows 7; Mac OS® X 10.4.11 and later
- Dimensions (H x W x D): 1.6" x 2.4" x 1.2" (42mm x 60mm x 30mm)
- Weight: 5.3oz/150g incl. battery, 6.3oz/179g incl. housing

Optional Accessories

- Rechargeable 1100 mAh Lithium-Ion Battery
- Full Line of Mounting Accessories (see back)

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
- Endurance Battery Bakpac for double battery life
- More Bakpacs and expansion devices coming soon



HD HERO Configurations:

HD Helmet HERO

HD Motorsports HERO

HD Surf HERO



HD Helmet HERO

Included:

- 5 Megapixel HD Helmet HERO Camera
- 1 Rechargeable 1100 mAh Lithium-Ion Battery
- 1 Waterproof Quick-Release Housing (180°/60 m)
- 1 Headlamp-Style Head Strap
- 1 Vented Helmet Strap
- 2 Curved, 3M™ Adhesive Mounts
- 2 Flat, 3M Adhesive Mounts
- 1 Three-Way Pivoting Side Arm Assembly
- 2 Quick-Release Buckles
- 1 USB Cable
- 1 Component Video (HDTV) Cable
- 1 Composite Video + Audio Out Cable
- Warranty: One Year

Part: CHDHH-001





actual GoPro photo



actual GoPro video stills

HD Motorsports HERO

Included:

- 5 Megapixel HD Motorsports HERO Camera
- 1 Rechargeable 1100 mAh Lithium-Ion Battery
- 1 Waterproof Quick-Release Housing (180°/60 m)
- 3 Flat, 3M™ Adhesive Mounts
- 2 Curved, 3M™ Adhesive Mounts
- 2 Quick-Release Buckles
- 1 Vertical Surface "J-Hook" Buckle
- 1 Suction Cup Mount
- 1 Three-Way Pivoting Side Arm Assembly
- 1 USB Cable
- 1 Component Video (HDTV) Cable
- 1 Composite Video + Audio Out Cable
- Warranty: One Year



Part: CHDMH-001





HD Surf HERO

Included:

- 5 Megapixel HD Surf HERO Camera
- 1 Rechargeable 1100 mAh Lithium-Ion Battery
- 1 Waterproof Quick-Release Housing (180'/60 m)
- 1 3M™ Adhesive Mounting Base
- 1 FCS™ Plug-Compatible Mount
- 1 Quick-Release Buckle
- 1 Leash
- 1 USB Cable
- 1 Component Video (HDTV) Cable
- 1 Composite Video + Audio Out Cable
- Warranty: One Year



actual GoPro photo

Part: CHDSH-001



actual GoPro video stills



Standard Definition Cameras

Helmet HERO Wide

- 5 Megapixel HERO Wide Camera (170° Lens)
 - 1 Shockproof/Waterproof Quick-Release Housing
 - 1 Headlamp-Style Head Strap
 - 1 Vented Helmet Strap
 - 2 Curved Adhesive Mounts
 - 2 Flat Adhesive Mounts
 - 1 Three-Way Pivoting Side Arm Assembly
 - 2 Quick-Release Buckles
 - 1 USB/RCA Combo Cable
- Warranty: One Year

Part: GHHW5170



*Also avail. in non-wide lens version
Part: GMHW50*



Motorsports HERO Wide

- 5 Megapixel HERO Wide Camera (170° Lens)
 - 1 Shockproof/Waterproof Quick-Release Housing
 - 3 Flat Adhesive Mounts
 - 2 Curved Adhesive Mounts
 - 2 Quick-Release Buckles
 - 1 Vertical Surface "J-Hook" Buckle
 - 1 Suction Cup Mount
 - 1 Three-way Pivoting Side Arm Assembly
 - 1 USB/RCA Combo Cable
- Warranty: One Year

Part: GMHW5170

Surf HERO Wide

- 5 Megapixel HERO Wide Camera (170° Lens)
 - 1 Shockproof/Waterproof Quick-Release Housing
 - 1 High-Impact, Adhesive Mounting Disc with Integrated Leash System
 - 1 FCS™-Compatible Male Plug Mount
 - 1 Quick-Release Buckle
 - 1 Rubber Quick-Release Stopper Lock
 - 1 USB/RCA Combo Cable
- Warranty: One Year

Part: GSHW5170





RC HERO Wide

- 5 Megapixel HERO Wide Camera (170° Lens)
 - 1 Shockproof/Waterproof Quick-Release Housing
 - 4 Flat Adhesive Mounts
 - 2 Curved Adhesive Mounts
 - 1 Quick-Release Buckle
 - 1 Vertical Surface "J-Hook" Buckle
 - 1 USB/RCA Combo Cable
- Warranty: One Year

Part: GRCHW5170

Wide HERO

- 5 Megapixel HERO Wide Camera (170° Lens)
 - 1 Shockproof/Waterproof Quick-Release Housing
 - 1 Quick-Release Buckle
 - 1 USB/RCA Combo Cable
- Warranty: One Year

Part: GWH5170



Wrist HERO

- 5 Megapixel HERO Camera (Standard Angle Lens)
 - 1 Shockproof/Waterproof Wrist Housing
 - 1 Neoprene & Velcro® Wrist Strap (One Size Fits All)
 - 1 USB/RCA Combo Cable
- Warranty: One Year

Part: GDH50

HERO Accessories

A wearable HD sports camera is only as good as its mounting accessories. Our obsession is your gain.

Enjoy.





Roll Bar Mount

The Roll Bar Mount fits tubes and shapes from 1.4" to 2.5" in diameter.

Part: GRBM30



Handlebar/Seat Post Mount

Also known as the "Ride HERO", this is a combination handlebar and seat post mounting clamp.

The Ride HERO allows for stable on-bike video on all types of bikes—fits motorcycle handlebars and more.

Fits tubes and shapes from .75" to 1.4" in diameter.

Part: GRH30



Suction Cup Mount

Industrial strength suction cup for securely attaching your HD HERO to cars, boats, motorcycle gas tanks, and just about anything you can stick a suction cup onto. Proven at 135 mph on our own GoPro F1000 race car.

Part: GSC30



Surf HERO Mounting Kit

Tested and endorsed by pro surfers in cranking surf around the world, the Surf HERO Mounting Kit is a revolutionary patent-pending system for attaching your GoPro camera to a surfboard. It also works very well as a heavy duty whitewater kayak mount.

Several of the photos featured in this catalog were shot using the Surf HERO Mounting Kit and a GoPro camera.

Part: GSHN5170



Grab Bag

Bag of expansion parts for attaching your HD HERO camera to more helmets and gear. 2 curved surface base plates, 2 flat surface base plates, 2 quick release buckles, 1 J-Hook quick release buckle, and thumbscrew.

Part: GGB30



Chest Mount Harness

Fully adjustable design fits all shapes and sizes, including over large jackets. Perfect for seeing your knees and skis on the slopes, your bike frame and handlebars while riding. A more immersive view than helmet mounting.

Part: GCHM30



HD Wrist Housing

Allows you to wear your HD HERO camera on your wrist like a watch. Camera pivots upright to shoot video or photos, but stays securely attached to your wrist even in this position. Fits over ski gloves and jackets, too.

Waterproof 180' / 60m

Part: AHDWH-001



Tripod Mount

Tripod mount for attaching your quick-release GoPro camera to a standard tripod. Compatible with all GoPro quick-release cameras.

Part: GTRA30



Head Strap Mount

Head strap mount for your quick-release HERO camera.

One size fits all adjustability.

Part: GHDS30



Vented Helmet Strap

Vented helmet strap for your HD HERO camera. Makes it easy to attach your camera to any vented helmet.

One size fits all adjustability.

Part: GVHS30



2GB SD Card

The Kingston® 2GB Secure Digital (SD) memory card combines massive storage capacity and blazing data transfer rates. With excellent performance and value, this card is an ideal expansion option for a digital GoPro HERO camera.

The SD card is backed by a limited lifetime warranty.

Part: GSD20



Lens Replacement Kit

Replacement lens kit for HD HERO and HERO WIDE housings. Two lenses and seals per kit, replacement screws and a screwdriver for hassle free repairs.

Part: GLK5170



Replacement HD Housing

Replacement quick-release housing for all HD (high definition), WIDE angle GoPro cameras.

Waterproof to 180 ft/60 meters.

Part: AHDRH-001



Replacement Wide Housing

Replacement quick-release housing for all standard definition, WIDE angle GoPro cameras.

Waterproof to 100 ft/30 meters.

Part: GQRH5170



Rechargeable Battery

1100mAh battery for the HD HERO. Anti-vibration "blade on beam" battery connectors so advanced, you'll only find them on laptop batteries and from GoPro.

Part: AHDBT-001



Wall Charger

Charge your HD HERO's battery in any US wall outlet using this USB wall charger. Your HD HERO can also record while plugged into and powered by the wall charger.

Part: AWALC-001



Car Charger

Charge your HD HERO's battery in any 12V cigarette lighter using this USB car charger. Your HD HERO can also record while plugged into and powered by the car charger, making long duration in-car filming easy.

Part: ACARC-001

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LCD Bakpac

Your HD HERO features a patent-pending design that allows for easy attachment of expansion accessories, like the LCD Bakpac.

Click it onto the back of the HD HERO for LCD screen convenience while filming, or just click it on at the end of the day to see what you got. Fits inside the HD Housing thanks to a patent-pending removable back door design.

Part: ALCDB-001



Battery Bakpac

Double your recording time with the Battery Bakpac clicked onto the back of your HD HERO. Insert a spare HD HERO battery into the Battery Bakpac and then click it onto the back of your camera.

Or use it to recharge your spare HD HERO battery by plugging the Battery Bakpac into your computer, wall, or car charger. Patent-pending.

Part: ABPAK-001



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Actual GoPro photo