



# HERO12 Black

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Incredible image quality, even better HyperSmooth video stabilisation and a huge boost in battery life come together in the latest and greatest GoPro—HERO12 Black.



Style

**STANDARD**

## PRODUCT DETAILS

### Rugged + Waterproof to 10 m

Completely waterproof and as tough as ever, HERO12 Black is ready to capture the fun on any adventure. Its legendary durability can take a beating and keep going, whether you're ripping through mud, snow or water (down to 33ft/10m). A water-repelling lens cover even helps eliminate lens flare and other artifacts to make your photos and videos even more stunning.

### 2x Longer Runtime<sup>1</sup>

HERO12 Black's dramatically improved battery efficiency combines with the included 1720mAh Enduro battery to deliver a huge 2x increase in 5.3K60 video runtime on each charge. You'll get 70 minutes of continuous recording at 5.3K60 (our highest setting), plus over 1.5 hours at 5.3K30 and over 2.5 hours of continuous recording at 1080p30. Using advanced technology, Enduro also boosts performance in cold temperatures over previous GoPro cameras and batteries.

### High Dynamic Range Video + Photo

HERO12 Black takes its best-in-class image quality to the next level with HDR for both videos (5.3K and 4K) and photos. Great in environments with both shadows and bright light, HDR captures the subtle details of the scene that might typically blend into the darkness of shadows or disappear in the bright spots of your shot. The result is dynamic footage with true-to-life color and precision.

### Unbelievable Image Quality

With 5.3K video that gives you 91% more resolution than 4K and an incredible 665% more than 1080p, HERO12 Black captures the action with crisp detail and cinematic image quality with High Dynamic Range (HDR) while also taking 27-MP photos. You can also grab stunning photos up to 24.7 MP of your favourite shots from your videos using the GoPro Quik app.

### Up to 8x Slo-Mo

Everything is more amazing in slow motion. HERO12 Black lets you record the action at up to 8x slo-mo at resolutions up to 2.7K for playback at normal speed or in super-fluid slow motion to catch epic details that you'd never be able to see with the naked eye.

### Emmy Award-Winning HyperSmooth 6.0 Stabilisation

HyperSmooth continues to set the bar for insanely smooth footage and has the hardware to back it up

— a 2021 Emmy for In-Camera Sensor and Software Stabilisation. HERO12 Black makes it even better by maximising HyperSmooth AutoBoost performance with more stabilisation while still delivering less image cropping. Bike, skate, ski, chase your kids through the park or get amazing pet POV shots — even the shakiest footage comes out silky smooth.

### 360° Horizon Lock

Give your videos the look of professional productions by keeping the horizon steady, straight and smooth. HERO12 Black's Linear + Horizon Lock digital lens keeps your footage steady even if your camera rotates a full 360° during capture. Combined with HyperSmooth, Horizon Lock gives you super smooth footage that looks perfectly straight when you want it to. You won't need a gimbal or stabilization software for pro-quality results.

### Extra-Large Field of View

HERO12 Black's powerful image sensor delivers the most expansive field of view ever on a HERO camera out of the box. It features extra-large 8:7 aspect ratio footage that gets more of the sky and horizon in each shot—giving you a huge canvas for your creativity. Simply use the GoPro Quik app to zoom in, crop and edit your shots while keeping the rich textures and sharpness of your footage. HERO12 Black takes 8:7 a step further with HyperView. This GoPro-exclusive digital lens takes 8:7 footage and serves it up as a wideangle 16:9 shot. The result is ultra-immersive video that amps up action-oriented POV footage by capturing more of you and your surroundings.

### Compatible with the New Max Lens Mod 2.0

Add Max Lens Mod 2.0 to HERO12 Black to transform it into the ultimate POV camera with the widest field of view (FOV) ever on a HERO camera, at 177° (up from the 155° FOV of the original Max Lens Mod). With a 36% larger field of view (FOV) for widescreen capture and 48% larger for vertical capture, it delivers the most immersive video in stunning 4K60 resolution and the highest stabilization, Max HyperSmooth. You'll also get Horizon Lock for all lenses, plus 1080p120 video for ultra stable 4x slo-mo footage with a maxed out FOV.

### 8-Bit, 10-Bit + Log Video

HERO12 Black lets you choose between capturing 8-bit, 10-bit or Log video. Capable of displaying over 1 billion colours, 10-bit colour delivers enhanced colour depth, smoother gradations and more realism in your videos, while 8-bit offers smaller file sizes. Advanced users can use Log to get more detail in their footage while making necessary colour adjustments in post-production.

### Timecode Sync

Advanced users with more than one HERO12 Black can sync them with the exact same timecode to make multi-camera editing a lot easier. It works with Final Cut Pro, Adobe Premier and other editing software to further streamline post-production.

### Bluetooth Audio Connectivity

Bluetooth audio lets you wirelessly connect HERO12 Black to compatible devices. Vloggers will be able connect to a wireless external microphone for enhanced audio when narrating a scene or conducting interviews. By connecting to your wireless earbuds, your GoPro will be able to hear your voice commands in noisy settings or when it's mounted out of earshot. You'll also be able to hear camera alerts through your earbuds to confirm that it got the command and is doing what you want.

### Night Effects Time Lapse + Photo

The HERO12 Black features 3 time lapse and photo modes that let you get creative after dark. Star Trails uses the Earth's rotation and the stars to capture beautiful light trails across the night sky. Light Painting lets you create brilliant brush stroke effects with moving light. Vehicle Light Trails uses night-time traffic to record stunning light trail shots.

### Power Tools With New Interval Photo

Nail shots the easy way with Power Tools. The new interval photo feature can be set to capture all the action by snapping photos at fixed intervals while you stay focused on your favourite activities. HindSight captures up to 30 seconds of footage before you start recording—even if you press the shutter too late, you'll still get the shot. There's also Scheduled Capture, which lets you set your GoPro

to turn itself on and capture a shot up to 24 hours in advance, and Duration Capture, which makes it easy to capture video clips from 15 seconds to 3 hours long.

#### Highlight Videos Automatically Sent to Your Phone <sup>2</sup>

Simply plug in your GoPro when connected to your home Wi-Fi. While it's charging, your footage is automatically uploaded to the cloud and used to make a highlight video complete with beat-synced music and effects. Videos are automatically sent to your phone and ready to share.

#### Edit Your Shots With the GoPro Quik App

The GoPro Quik app features an array of easy-to-use tools that let you edit your footage like a pro. You can tweak the automatic highlight videos created by the app or make your own videos from scratch. You also have the flexibility to change digital lenses in your photos and videos after recording. Switch from the ultra-immersive HyperView lens to SuperView, wide or linear to create the exact shot you want, then turn it into an extra-tall social media post or go widescreen for YouTube. You can also zoom in on the best sections of your videos to create high-resolution punchouts that focus on the action while cropping out the rest and grab photos up to 24.7 MP from your videos.

#### Easy Transferring + Unlimited Cloud Backup

Transferring photos and videos from your cloud-connected camera to your phone is simple and versatile, with your choice of effortless wireless upload via the Quik app or a lightning-fast wired connection via USB. There's also unlimited cloud storage with hassle-free auto-upload.<sup>2</sup> Just plug in your camera when connected to your home Wi-Fi and the camera does the rest. You can also use your SD card to transfer your content to a computer for backup to the cloud.

#### Widescreen, Vertical + Full-Screen Capture

HERO12 Black's Easy Controls make it easier than ever to get the exact the shot you need. You can quickly swap between recording widescreen footage (16:9 aspect ratio) for full-screen playback on a TV or YouTube and vertical videos (9:16 aspect ratio) for watching on your phone or posting on social media. For maximum flexibility, the full-screen option records in the ultra-versatile 8:7 aspect ratio. This captures more of the scene and lets you crop and zoom in without losing the details of your shot. This makes it perfect for creating widescreen and tall shots for playback on your phone with the GoPro Quik app.

#### Easy Hands-Free Capture

HERO12 Black is packed with features that make it easy to get incredible footage when your hands are busy with handlebars, ski poles, tow ropes and more. It's compact and light enough to wear comfortably using one of the many available GoPro body mounts. Once mounted, you can use voice commands for the ultimate in hands-free control. Record immersive video or TimeWarp 3.0 footage, or try the new interval photo feature to capture dramatic one-of-a-kind shots while staying in the moment.

#### Mounting Flexibility

Bike mounts, surfboard mounts, car mounts, pole mounts, tripods, grips, extension poles and more. GoPro has a huge variety of mounts that'll help you get any shot you can dream up. Capture your adventures from dramatic new angles and see them as you've never seen them before. Record point-of-view footage and relive amazing moments exactly as you saw them. HERO12 Black's super-simple mounting system makes it easy to set up shots and switch mounts on the fly. The new 1/4-20 mount adds more options by making HERO12 Black compatible with standard camera mounts and accessories.

#### Customising with Media Mod + Light Mod

HERO12 Black mods let you customise your GoPro to fit your needs. Use Media Mod to turn HERO12 Black into a multimedia powerhouse. It features a versatile directional mic capable of prioritising sound in front of your camera or behind your camera, or recording from both directions simultaneously. It also has a standard 3.5 mm mic port and HDMI-out for use on external monitors, plus two cold-shoe mounts for lights and LCD screens or other accessories. Need more light? Light Mod lets you brighten the action and illuminate your next adventure with wide, even light.

#### Easy or Pro Controls

HERO12 Black features two control options that let you choose from point-and-shoot simplicity or full

camera control. With easy controls, just frame your shot and hit the Shutter button for amazing results. Easily switch between widescreen or mobile shots, capturing slo-mo footage, night effects and making other adjustments in just a few taps. The pro controls unlock the ability to fine-tune all modes, settings and features. Once you've dialled in the settings, you can save them as a preset. You can build a whole library of presets for cinematic shots, action footage, night capture or anything else you need.

#### Front + Rear LCD Screens

Frame your shots perfectly with either the front or rear LCD screen. Use the large rear touch screen to capture the scene in front of you, or turn your camera around and use the front screen for vlogging and self-capture. The front screen features smooth live preview with crisp detail, while the rear screen's snappy touch controls make it easy to swap capture modes and adjust settings.

#### Webcam + Live Streaming

Use the HERO12 Black as an ultra-versatile webcam, or live stream your next activity as you vlog with buttery HyperSmooth video stabilisation and sharp resolution.

#### Key Camera Specs

- Video: 5.3K60, 4K120, 2.7K240 and more / 8x slo-mo / 24.7MP frame grabs
- Photo: 27MP / interval photo / single photo / interval photo / night photo / 30 fps burst / RAW
- Time Lapse: 5.3K TimeWarp 3.0 video / Star Trails / Light Painting / Vehicle Light Trails / 5.3K time lapse video / time lapse photo / 5.3K night lapse video / night lapse photo

#### Supporting Modes + Features

##### Video

- 5.3K60/50, 4K120/100, 2.7K240/200, 1080p240/200 resolution/fps<sup>3</sup>
- 16:9, 9:16, 4:3, 8:7 aspect ratios
- Up to 8x slo-mo
- HDR
- HyperSmooth 6.0 with AutoBoost
- Horizon Lock / Horizon Leveling
- 8-bit, 10-bit + Log encoding
- H.265 (HEVC) MP4 video format
- Looping video
- Webcam mode
- Live streaming in 1080p
- Frame grab with the GoPro Quik app
- Digital lenses
- 2x zoom
- HindSight
- QuikCapture
- Protune

##### Photo

- 27-MP photos
- SuperPhoto, HDR + RAW
- Star Trails, Light Painting + Vehicle Light Trails effects
- Interval Photo
- Night Photo
- Digital lenses
- 2x zoom
- RAW photos
- Protune

## Time Lapse

- 5.3K TimeWarp 3.0
- Time lapse photo (27 MP) + video (5.3K)
- Star Trails, Light Painting + Vehicle Light Trails effects
- Night lapse photo (27 MP) + video (5.3K)
- Digital lenses
- 2x zoom
- Protune

## Camera Control

- Large 2.27" rear touch screen with touch zoom
- 1.4" front screen for preview or status
- Easy + Pro Controls
- Widescreen, Mobile + Universal aspect ratios
- Custom presets
- Customizable onscreen shortcuts
- Scheduled + Duration Capture
- HiLight Tag
- Voice control with 13 commands in 11 languages + 6 accents

## Content Specs + Offload

- Auto-upload to the cloud + get a highlight video automatically<sup>2</sup>
- Wireless transfer to the GoPro Quik app
- Ultra-fast wired transfer to your phone
- SD card transfer to a computer

## What's Included

- HERO12 Black Camera
- Enduro Battery
- Curved Adhesive Mount
- Mounting Buckle + Thumb Screw
- USB-C Cable

## Footnotes

1. Compared to HERO11 Black 5.3K60 recording time of 35 minutes before thermal shutdown at a temperature of 77°F (25°C) with a wind speed of 0.6m/sec.

2. Within your home Wi-Fi network. GoPro subscription required. GoPro subscription available in select territories. Cancel anytime. Visit [gopro.com](https://gopro.com) for info and availability.

3. Frame rate is listed in 60Hz (NTSC) and 50Hz (PAL) video format, which depends on your region

4. Horizon Lock is unavailable when recording 5.3K60, 4K120, 2.7K240 and 1080p240 video. Horizon Leveling will be used for these high-performance settings.

5. Requires standard USB-C to USB-C or standard USB-A to USB-C and Apple® Lightning to USB Camera Adapter, depending on device.

6. Runtime measured at a temperature of 77°F (25°C) with a wind speed of 0.6m/sec with the Wide digital lens; wireless connections, Bluetooth and HyperSmooth on; front and rear LCD screens on with a 1-minute screensaver; and voice control off.

7. Each sold separately

8. Compared to HERO12 Black recording 16:9 and 9:16 aspect ratio footage with the Wide digital lens vs. HERO12 Black with Max Lens Mod 2.0 using the Max SuperView lens.

**Specs**

**Product Attributes**

EAN:	0810116380282
Manufacturer number:	CHDHX-121-RW
Product weight:	0.154 kilograms

**Design & dimensions**

Display:	Rear: 2.27" Touch Dispaly. Front: 1.4" Color Display
Product weight:	154g With battery 121g Without battery
IP classification:	IP65

**Connections & other features**

Live streaming:	1080p60 with HyperSmooth 4.0 + 1080p60 recording
Controls:	App Controlled Remote Control On Device
Memory card slot:	1 microSD™ with at least V30 or higher UHS-3 rating
App:	Quik App
Bluetooth:	4.2
Inputs:	USB-C
Outputs:	USB-C
Wifi:	2.4GHZ; 5GHz, 802.11 a/b/g/n/ac
Automatic cloud upload:	With GoPro Subscription

**Battery & power**

Battery capacity:	1720
Charging:	Docking station

**Audio features**

Built-in microphones:	3x
Channels:	2
Advanced noise reduction:	3-mic Processing
Raw audio capture:	WAV Format

**Photo**

Modes:	*Standard* *Burst Photo*, rate: Auto, 60/10, 60/6, 30/6, 30/3, 10/3, 30/1, 10/1, 5/1, 3/1 *Night Photo*, Shutter speed: Auto, 2, 5, 10, 15, 20, 30 sec.
Resolution:	Max: 27.13MP (5568x4872)
Image grab from video:	24.69MP from (8:7) 5.3K Video 21.16MP from (4:3) 5.3K Video 15.87MP from (16:9) 5.3K Video

Output:	SuperPhoto, HDR, Standard, RAW
Raw capture output:	27.13MP (5568x4872)
Timer:	3s, 10s
Photo intervals:	0.5s, 1s, 2s, 3s, 5s, 10s, 30s, 60s, 120s
Exposure control:	true
File format:	JPG GPR
<b>Image quality</b>	
Image sensor:	1/1.9" CMOS, 27.6 MP active pixels
Lens aperture:	2.5
Focal length:	Min 12mm, Max 39mm
Field of view (degree):	156
Zoom:	Up to 2x
Processor:	GP2
Auto focus:	true
<b>Video</b>	
Resolution & Frame rate:	5.3K (8:7) 30/25/24 fps 5.3K (16:9) 60/50/30/25/24 fps 4K (8:7) 60/50/30/25/24 fps 4K (9:16) 60/50/30/25 4K (16:9) 120/100/60/50/30/25/24 fps 2.7K (4:3) 120/100/60/50 fps 2.7K (16:9) 240/200 fps 1080 (9:16) 60/50/30/25 1080p (16:9) 240/200/120/100/60/50/30/25/24 fps
Image stabilization:	HyperSmooth 6.0
Aspect ratio:	16:9 9:16 4:3 8:7
HDR:	5.3K (16:9) 30/25/24 fps 4K (8:7) 30/25/24 fps 4K (16:9) 60/50/30/25/24 fps
Digital video lenses:	HyperView SuperView Wide Linear Linear + Horizon Lock / Leveling
Compression standard:	H.265 (HEVC)
Color depth:	8-bit 10-bit (4K and higher)
Max bit rate:	120Mbps
Exposure control:	Yes
Exposure value:	2+/-
Duration capture:	Yes, with scheduling

Timer:	Yes
Video loop:	true
Recording modes:	<div><div>*TimeWarp*</div><div>*Star Trails*</div><div>*Vehicle Light Trails*</div><div>*Time Lapse*. 16:9 and 8:7. Up to 5.3K. Time intervals: 0.5, 1, 2, 3, 5, 10, 30, 60 sec.; 2, 5, 30, 60 min.</div><div>*Night Lapse*. Up to 5.3K. Intervals: Auto, 4, 5, 10, 15, 20, 30, 60 sec.; 2, 5, 30, 60 min. Shutter Speeds: Auto, 2, 5, 10, 15, 20, 30 sec.</div></div>