

# Camera Comparison Chart



Key Features	HERO7 SILVER	HERO7 BLACK	HERO8 BLACK	MAX
Photo	10 MP + WDR	12 MP + SuperPhoto with HDR	12 MP + SuperPhoto with improved HDR	16.6-MP 360° photo / 5.5-MP HERO Mode photo
LiveBurst			•	
PowerPano				6.2-MP panoramic photo
SuperPhoto		With HDR	With improved HDR	
Spherical Video				5.6K30
Reframe				With the GoPro app
Video	4K30	4K60	4K60	HERO Mode 1440p60 / 1080p60
100-Mbps Bit Rate			2.7K / 4K	
Battery	Built-in	Removable	Removable	Removable
Rugged + Waterproof	Down to 10 m	Down to 10 m	Down to 10 m	Down to 5 m
Frameless Mounting With Folding Fingers			•	•
HERO8 Black Mods			•	
Touch Screen	•	•	•	•
Touch Zoom	•	•	•	
Video Stabilisation	Standard	HyperSmooth	HyperSmooth 2.0	Max HyperSmooth
Horizon Levelling			With the GoPro app	On camera + with the GoPro app
TimeWarp Video		TimeWarp	TimeWarp 2.0	Max TimeWarp
Digital Lenses / FOV	Wide	SuperView, Wide, Linear	SuperView, Wide, Linear, Narrow	Max SuperView, Wide, Linear, Narrow
RAW Photo Capture		•	All photo modes	
Settings Presets / Custom Presets			•	
Customisable On-Screen Shortcuts			•	•
Voice Control	•	•	•	•
Wake on Voice		•	•	
Time Lapse Video	•	•	•	•
Night Lapse Video			•	
Slo-Mo	2x	8x	8x	2x
Live Streaming		720p	1080p	1080p
GPS	•	•	•	•
Advanced Metadata		•	•	HERO Mode only
Protune		•	•	•
Compatible Housing	Protective Housing (HERO7 Silver / HERO7 White)	Super Suit (protection + dive housing)	Protective Housing (HERO8 Black)	
GP1 Chip		•	•	•
Auto Cloud Backup With GoPro PLUS	•	•	•	•

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Audio Features	HERO7 SILVER	HERO7 BLACK	HERO8 BLACK	MAX
Advanced Noise Reduction	2-mic processing	3-mic processing	3-mic processing	6-mic processing
Stereo Audio		•	•	Premium performance
360° Audio				•
RAW Audio Capture		•	•	HERO Mode only
3.5-mm Audio Mic In		With Pro 3.5-mm Mic Adapter (sold separately)	With Media Mod for HERO8 Black or Pro 3.5-mm Mic Adapter (both sold separately)	
Connected Features				
Wi-Fi + Bluetooth	•	•	•	•
Connects to the GoPro App	•	•	•	•
Auto-Upload to the Cloud	With a GoPro PLUS subscription	With a GoPro PLUS subscription	With a GoPro PLUS subscription	With a GoPro PLUS subscription
GPS	•	•	•	•
HDMI Port		•	With Media Mod for HERO8 Black	
Video				
Spherical Video				5.6K30
4K	Wide: 30, 24 fps	SuperView: 30, 24 fps Wide: 60, 30, 24 fps	SuperView: 30, 24 fps; Wide: 60, 30, 24 fps Linear: 60, 30, 24 fps	
4K (4:3)		Wide: 30, 24 fps	Wide: 30, 24 fps	
2.7K		SuperView: 60, 30, 24 fps; Wide: 120, 60, 30, 24 fps Linear: 60, 30, 24 fps	SuperView: 60, 30, 24 fps; Wide: 120, 60, 30, 24 fps Linear: 60, 30, 24 fps; Narrow: 60, 30, 24 fps	
2.7K (4:3)		Wide: 60, 30, 24 fps Linear: 60, 30, 24 fps	Wide: 60, 30, 24 fps; Linear: 60, 30, 24 fps Narrow: 60, 30, 24 fps	
1440p	Wide: 60, 30 fps	Wide: 120, 60, 30, 24 fps Linear: 60, 30, 24 fps	Wide: 120, 60, 30, 24 fps; Linear: 60, 30, 24 fps Narrow: 60, 30, 24 fps	Max SuperView: 60, 30, 24 fps; Wide: 60, 30, 24 fps Linear: 60, 30, 24 fps; Narrow: 60, 30, 24 fps
1080p	Wide: 60, 30 fps	SuperView: 120, 60, 30, 24 fps; Wide: 240, 120, 60, 30, 24 fps Linear: 120, 60, 30, 24 fps	SuperView: 120, 60, 30, 24 fps; Wide: 240, 120, 60, 30, 24 fps Linear: 120, 60, 30, 24 fps; Narrow: 60, 30, 24 fps	Max SuperView: 60, 30, 24 fps; Wide: 60, 30, 24 fps Linear: 60, 30, 24 fps; Narrow: 60, 30, 24 fps
960p		Wide: 240, 120 fps		
720p		SuperView: 240 fps, Wide: 240, 60 fps, Linear: 240 fps		
TimeWarp Video Intervals		2x, 5x, 10x, 15x, 30x	Auto, 2x, 5x, 10x, 15x, 30x	Auto, 2x, 5x, 10x, 15x, 30x
Time Lapse Video Intervals		0.5, 1, 2, 5, 10, 30, 60 seconds	0.5, 1, 2, 5, 10, 30, 60 seconds; 2, 5, 30, 60 minutes	0.5, 1, 2, 5, 10, 30, 60 seconds
Video File Format	H.264 (AVC)	H.264 (AVC) + H.265 (HEVC)	H.264 (AVC) + H.265 (HEVC)	H.264 (AVC) + H.265 (HEVC)
Maximum Video Bit Rate	30 Mbps (4K)	78 Mbps (4K)	100 Mbps (4K)	78 Mbps (1440p)
Auto Low Light		•	•	•
Exposure Control		•	•	•

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	HERO7 SILVER	HERO7 BLACK	HERO8 BLACK	MAX
<b>Photo</b>				
Megapixels	10 MP + WDR	12 MP + SuperPhoto with HDR	12 MP + SuperPhoto with improved HDR	16.6-MP 360° photo / 5.5-MP HERO Mode photo
Burst Rates (Frames / Sec)		Auto, 30/6, 30/3, 10/3, 30/1, 10/1, 5/1, 3/1	Auto, 60/10, 30/10, 60/6, 30/6, 30/3, 10/3, 30/1, 10/1, 5/1, 3/1	
Time Lapse Photo Intervals		0.5, 1, 2, 5, 10, 30, 60 seconds	0.5, 1, 2, 5, 10, 30, 60 seconds; 2, 5, 30, 60 minutes	HERO Mode: 0.5, 1, 2, 5, 10, 30, 60 seconds
Night Lapse Photo Intervals		Auto, 4, 5, 10, 15, 20 seconds; 1, 2, 5, 30, 60 minutes	Auto, 4, 5, 10, 15, 20 seconds; 1, 2, 5, 30, 60 minutes	
Continuous Photo Capture	•	•	•	•
SuperPhoto		With HDR	With improved HDR	
RAW Photo Capture		•	All photo modes	
Exposure Control	•	•	•	•
<b>Modes</b>				
Photo	•	•	•	•
Burst Mode	•	•	•	
PowerPano				•
LiveBurst			•	
Night Photo		•	•	
Video	•	•	•	•
Looping		•	•	
Time Lapse Photo		•	•	•
Time Lapse Video	•	•	•	•
TimeWarp Video		TimeWarp	TimeWarp 2.0	Max TimeWarp
Night Lapse Photo		•	•	
Night Lapse Video			•	
Slo-Mo	2x	8x	8x	2x
Photo Timer	•	•	•	•
Short Clips	•	•	•	•
<b>Design + Dimensions</b>				
Dimensions	62.3 W x 44.9 H x 28.3 D (mm)	62.3 W x 44.9 H x 33 D (mm)	66.3 W x 48.6 H x 28.4 D (mm)	64 W x 69 H x 24 D (mm)
Weight (Camera + Battery)	97 g	116 g	126 g	154 g
Mounting Weight (Camera + Battery + Frame)	120 g	142 g	126 g (no frame required)	154 g (no frame required)
Status Screen		•	•	
Touch Screen	•	•	•	•
GP1 Chip		•	•	•
HDMI Port		•	With Media Mod for HERO8 Black	
USB Port	USB-C	USB-C	USB-C	USB-C
Memory Storage	One microSD with at least Class 10 or UHS-I rating	One microSD with at least Class 10 or UHS-I rating	One microSD with at least Class 10 or UHS-I rating	One microSD with at least Class 10 or UHS-I rating
Microphones	2	3	3	6
LEDs	2	3	2	2
Battery	Built-in	Removable 1,220-mAh lithium-ion rechargeable	Removable 1,220-mAh lithium-ion rechargeable	Removable 1,600-mAh lithium-ion rechargeable