

Camera Comparison Chart



**HERO 11
BLACK**



**HERO 11
BLACK
MINI**



**HERO 10
BLACK**



MAX

Video				
Top Video Modes	5.3K60 / 4K120	5.3K60 / 4K120	5.3K60 / 4K120	Spherical: 5.6K30 / 3K60 Hero Mode: 1080p / 1440p
Aspect Ratio	(16:9)(4:3)(8:7)	(16:9)(4:3)(8:7)	(16:9)(4:3)	(16:9)(4:3)
Digital Lenses	SportView, SuperView, Wide, Linear, Linear + Horizon Lock	SportView, SuperView, Wide, Linear, Linear + Horizon Lock	SuperView, Wide, Linear, Linear + Horizon Leveling, Narrow	Max, SuperView, Wide, Linear, Narrow
Video Stabilization	HyperSmooth 5.0	HyperSmooth 5.0	HyperSmooth 4.0	Max HyperSmooth
Horizon Lock / Leveling	In-Camera Horizon Lock	In-Camera Horizon Lock	Horizon Leveling	Horizon Leveling
Video File Format	H.265 (HEVC)	H.265 (HEVC)	H.264 (AVC)	H.264 (AVC)
Color Video Bit Depth	8-bit; 10-bit	8-bit; 10-bit	8-bit	8-bit
Maximum Video Bit Rate	Up to 120Mbps (5.3K / 4K)	Up to 120Mbps (5.3K / 4K)	Up to 100Mbps (5.3K, 5K(4:3), 4K, 2.7K)	
Touch Zoom	Up to 2x		Up to 2x	
Slo-Mo	8x @ 2.7K	8x @ 2.7K	8x @ 2.7K	2x
Looping Video	•	•	•	
TimeWarp Video	TimeWarp 3.0 Auto, 2x, 5x, 10x, 15x, 30x	TimeWarp 3.0 Auto, 2x, 5x, 10x, 15x, 30x	TimeWarp 3.0 Auto, 2x, 5x, 10x, 15x, 30x	Max TimeWarp Auto, 2x, 5x, 10x, 15x, 30x
Time Lapse Video Intervals	0.5, 1, 2, 5, 10, 30, 60 second; 2, 5, 30, 60 minute	0.5, 1, 2, 5, 10, 30, 60 second; 2, 5, 30, 60 minute	0.5, 1, 2, 5, 10, 30, 60 second; 2, 5, 30, 60 minute	0.5, 1, 2, 5, 10, 30, 60 second
Night Lapse Video Intervals	Auto, 4, 5, 10, 15, 20, 30, 60 second; 2, 5, 30, 60 minute	Auto, 4, 5, 10, 15, 20, 30, 60 second; 2, 5, 30, 60 minute	Auto, 4, 5, 10, 15, 20, 30, 60 second; 2, 5, 30, 60 minute	
HindSight	•		•	
Scheduled Capture	•		•	
Duration Capture	•		•	
Live Streaming	1080p	1080p	1080p	1080p
Webcam Mode	•		•	
Reframe				With the Quik App
Protune	•	With the Quik App	•	•
Advanced Metadata	•	•	•	HERO Mode Only

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360 Video Settings

5.6K Spherical				30, 24 fps
3K Spherical				60 fps

8:7 Video Settings

5.3K Wide	30, 24 fps	30, 24 fps		
4K Wide	60 fps	60 fps		

16:9 Video Settings

5.3K SportView	30, 24 fps	30, 24 fps		
5.3K SuperView	60, 30, 24 fps	60, 30, 24 fps	30, 24 fps	
5.3K Wide	60, 30, 24 fps	60, 30, 24 fps	60, 30, 24 fps	
5.3K Linear	60, 30, 24 fps	60, 30, 24 fps	60, 30, 24 fps	
5.3K Linear + Horizon Lock	30, 24 fps	30, 24 fps		
5.3K Linear + Horizon Leveling	60 fps	60 fps	60, 30, 24 fps	
5.3K Narrow			60, 30, 24 fps	
4K SportView	60 fps	60 fps		
4K SuperView	120, 60, 30, 24 fps	120, 60, 30, 24 fps	60, 30, 24 fps	
4K Wide	120, 60, 30, 24 fps	120, 60, 30, 24 fps	120, 60, 30, 24 fps	
4K Linear	120, 60, 30, 24 fps	120, 60, 30, 24 fps	120, 60, 30, 24 fps	
4K Linear + Horizon Lock	60, 30, 24 fps	60, 30, 24 fps		
4K Linear + Horizon Leveling	120 fps	120 fps	120, 60, 30, 24 fps	
4K Narrow			120, 60, 30, 24 fps	
2.7K SuperView	120, 60 fps	120, 60 fps	120, 60 fps	
2.7K Wide	240, 120, 60 fps	240, 120, 60 fps	240, 120, 60 fps	
2.7K Linear	240, 120, 60 fps	240, 120, 60 fps	240, 120, 60 fps	

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16:9 Video Settings (continued)

2.7K Linear + Horizon Lock	120, 60 fps	120, 60 fps		
2.7K Linear + Horizon Leveling	240 fps	240 fps	240, 120, 60 fps	
2.7K Narrow			240, 120, 60 fps	
1080p Max SuperView				60, 30, 24 fps
1080p SuperView	120, 60, 30, 24 fps	120, 60, 30, 24 fps	120, 60, 30, 24 fps	
1080p Wide	240, 120, 60, 30, 24 fps	240, 120, 60, 30, 24 fps	240, 120, 60, 30, 24 fps	60, 30, 24 fps
1080p Linear	240, 120, 60, 30, 24 fps	240, 120, 60, 30, 24 fps	240, 120, 60, 30, 24 fps	60, 30, 24 fps
1080p Linear + Horizon Lock	120, 60, 30, 24 fps	120, 60, 30, 24 fps		
1080p Linear + Horizon Leveling	240 fps	240 fps	240, 120, 60, 30, 24 fps	
1080p Narrow			240, 120, 60, 30, 24 fps	60, 30, 24 fps

4:3 Video Settings

5.3K Wide	30, 24 fps	30, 24 fps		
5.3K Linear	30, 24 fps	30, 24 fps		
5.3K Linear + Horizon Lock	30, 24 fps	30, 24 fps		
5K Wide			30, 24 fps	
5K Linear			30, 24 fps	
5K Linear + Horizon Leveling			30, 24 fps	
5K Narrow			30, 24 fps	
4K Wide	60, 30, 24 fps	60, 30, 24 fps	60, 30, 24 fps	
4K Linear	60, 30, 24 fps	60, 30, 24 fps	60, 30, 24 fps	
4K Linear + Horizon Lock	60, 30, 24 fps	60, 30, 24 fps		
4K Linear + Horizon Leveling			60, 30, 24 fps	
4K Narrow			60, 30, 24 fps	

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4:3 Video Settings (continued)

2.7K Wide	120, 60 fps	120, 60 fps	120, 60 fps	
2.7K Linear	120, 60 fps	120, 60 fps	120, 60 fps	
2.7k Linear + Horizon Lock	120, 60 fps	120, 60 fps		
2.7K Linear + Horizon Leveling			120, 60 fps	
2.7K Narrow			120, 60 fps	
1440p Max SuperView				60, 30, 24 fps
1440p Wide				60, 30, 24 fps
1440p Linear				60, 30, 24 fps
1440p Narrow				60, 30, 24 fps

Photo

Megapixels (MP)	27MP		23MP	16.6MP Spherical, 5.5MP HERO Mode Photo
Photo Frame Grabs from Video	24.7MP from 5.3K 8:7 video	24.7MP from 5.3K 8:7 video	19.6MP from 5.3K 4:3	
SuperPhoto	With HDR		With HDR	
LiveBurst			•	
Burst	•		•	
Burst Rates (Frames/Sec)	Auto, 60/10 60/6, 30/6, 30/3, 10/3, 30/1, 10/1, 5/1, 3/1		Auto, 30/10, 30/6, 30/3, 10/3, 25/1, 10/1, 5/1, 3/1	
Night Photo	•		•	
PowerPano				•
RAW Photo Capture	All Photo Modes		All Photo Modes	
Exposure Control	•		•	•
Continuous Photo Capture				•
Time Lapse Photo Intervals	0.5, 1, 2, 5, 10, 30, 60 second; 1, 2, 5, 30, 60 minute		0.5, 1, 2, 5, 10, 30, 60 second; 1, 2, 5, 30, 60 minute	Hero Mode: 0.5, 1, 2, 5, 10, 30, 60 second; 2, 5, 30, 60 minute
Night Lapse Photo Intervals	Auto, 4, 5, 10, 15, 20 second; 1, 2, 5, 30, 60 minute		Auto, 4, 5, 10, 15, 20, 30, 60 second; 2, 5, 30, 60 minute	

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Audio Features				
Microphones	3	3	3	6
Advanced Noise Reduction	3-Mic Processing	3-Mic Processing	3-Mic Processing	6-Mic Processing
Stereo Audio	•		•	Premium Performance
360 Audio				•
RAW Audio Capture	•	•	•	HERO Mode Only
3.5mm Audio Mic In	With Media Mod (HERO11 Black / HERO10 Black)* or Pro 3.5mm Mic Adapter*		With Media Mod (HERO11 Black / HERO10 Black)* or Pro 3.5mm Mic Adapter*	
Connected Features				
Wi-Fi + Bluetooth®	•	•	•	•
Connects to the Quik App	•	•	•	•
Auto Upload to the Cloud**	•	•	•	•
GPS	•		•	•
USB-C Offload to Mobile	•	•	•	
HDMI Port	With Media Mod (HERO11 Black / HERO10 Black)*		With Media Mod (HERO11 Black / HERO10 Black)*	
Other Features				
Settings / Custom Presets	•	•	•	
Customizable On-Screen Shortcuts	•		•	•
Voice Control	•	•	•	•
Wake on Voice				•
Design + Dimensions				
Processor	GP2	GP2	GP2	GP1
Dimensions	71.8 W x 50.8 H x 33.6 D (mm)	52.4 W x 51.2 H x 38.0 D (mm)	71.8 W x 50.8 H x 33.6 D (mm)	64.0 W x 69.0 H x 25.0 D (mm)
Weight (Camera + Battery)	154g	133g	154g	154g
Battery	Removable 1720mAh Enduro Lithium-Ion Rechargeable	Embedded 1500mAh Enduro Lithium-Ion Rechargeable	Removable 1720mAh Lithium-Ion Rechargeable	Removable 1600mAh Lithium-Ion Rechargeable

*Sold Separately

**With GoPro Subscription



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Design + Dimensions (continued)

Front Screen	1.4" Color LCD		1.4" Color LCD	
Rear Touch Screen	2.27" Touch LCD		2.27" Touch LCD	1.69" Touch LCD
Rugged + Waterproof	33ft (10m)	33ft (10m)	33ft (10m)	16ft (5m)
Mounting Fingers	•	2 Sets	•	•
USB Port	USB-C	USB-C	USB-C	USB-C
Memory Storage	MicroSD with at least V30 or UHS-3 Rating	MicroSD with at least V30 or UHS-3 Rating	MicroSD with at least V30 or UHS-3 Rating	MicroSD with at least Class 10 or UHS-1 Rating
LEDs	2	1	2	2
Mods Expandability	Max Lens Mod, Media Mod (HERO11 Black / HERO10 Black),* Display Mod, Light Mod	Max Lens Mod	Max Lens Mod, Media Mod (HERO11 Black / HERO10 Black),* Display Mod, Light Mod	
Compatible Housing	Protective Housing (HERO11 Black / HERO10 Black)*		Protective Housing (HERO11 Black / HERO10 Black)*	

*Sold Separately