



# Camera Comparison Chart



HERO 12  
BLACK



HERO 11  
BLACK



HERO 11  
BLACK  
MINI

Photo			
Megapixels (MP)	27MP	27MP	
Photo Frame Grabs from Video	24.7MP from 5.3K 8:7 Video	24.7MP from 5.3K 8:7 Video	24.7MP from 5.3K 8:7 Video
SuperPhoto	With HDR	With HDR	
Burst Rates (Frames/Sec)	Auto, 60/10, 60/6, 30/6, 30/3, 10/3, 30/1, 10/1, 5/1, 3/1	Auto, 60/10, 60/6, 30/6, 30/3, 10/3, 30/1, 10/1, 5/1, 3/1	
Photo Intervals	0.5, 1s, 2s, 3s, 5s, 10s, 30s, 60s, 120s		
Night Photo	✓	✓	
RAW Photo Capture	✓	✓	
Exposure Control	✓	✓	
Time Lapse Photo Intervals	0.5, 1, 2, 5, 10, 30, 60 Seconds; 2, 5, 30, 60 Minutes	0.5, 1, 2, 5, 10, 30, 60 Seconds; 2, 5, 30, 60 Minutes	
Night Lapse Photo Intervals	Auto, 4, 5, 10, 15, 20, 30, 60 Seconds; 2, 5, 30, 60 Minutes	Auto, 4, 5, 10, 15, 20, 30, 60 Seconds; 2, 5, 30, 60 Minutes	
Video			
Top Video Modes	5.3K60 / 4K120 5.3K30 8:7 / 4K60 8:7	5.3K60 / 4K120 5.3K30 8:7 / 4K60 8:7	5.3K60 / 4K120 5.3K30 8:7 / 4K60 8:7
Aspect Ratio	16:9, 4:3, 8:7, 9:16	16:9, 4:3, 8:7	16:9, 4:3, 8:7
Digital Lenses	HyperView, SuperView, Wide, Linear, Linear + Horizon Lock	HyperView, SuperView, Wide, Linear, Linear + Horizon Lock	HyperView, SuperView, Wide, Linear, Linear + Horizon Lock
Video Stabilization	HyperSmooth 6.0	HyperSmooth 5.0	HyperSmooth 5.0
Horizon Lock	360° Rotation, up to 5.3K30, 4K60, and 2.7K120	360° Rotation, up to 5.3K30, 4K60, and 2.7K120	360° Rotation, up to 5.3K30, 4K60, and 2.7K120
Horizon Leveling	Up to 27°, 5.3K60, 4K120, 2.7K240, and 1080/240	Up to 27°, 5.3K60, 4K120, 2.7K240, and 1080/240	Up to 27°, 5.3K60, 4K120, 2.7K240, and 1080/240
Video File Format	H.265 (HEVC)	H.265 (HEVC)	H.265 (HEVC)
Color Video Bit Depth	8-Bit, 10-Bit, Log Video	8-Bit, 10-Bit	8-Bit, 10-Bit
HDR Video	5.3K (16:9) 30, 25, 24 fps 4K (8:7) 30, 25, 24 fps 4K (16:9) 60, 50, 30, 25, 24 fps		
Maximum Video Bit Rate	Up to 120Mbps (5.3K / 4K)	Up to 120Mbps (5.3K / 4K)	Up to 120Mbps (5.3K / 4K)
Touch Zoom	Up to 2x	Up to 2x	
Slo-Mo	8x @ 2.7K	8x @ 2.7K	8x @ 2.7K



# Camera Comparison Chart



**HERO 12  
BLACK**



**HERO 11  
BLACK**



**HERO 11  
BLACK  
MINI**

Video (continued)			
Looping Video	✓	✓	✓
TimeWarp Video	TimeWarp 3.0 (up to 5.3K) Auto, 2x, 5x, 10x, 15x, 30x	TimeWarp 3.0 (up to 5.3K) Auto, 2x, 5x, 10x, 15x, 30x	TimeWarp 3.0 (up to 5.3K) Auto, 2x, 5x, 10x, 15x, 30x
Time Lapse Video Intervals	0.5, 1, 2, 5, 10, 30, 60 Seconds; 2, 5, 30, 60 Minutes	0.5, 1, 2, 5, 10, 30, 60 Seconds; 2, 5, 30, 60 Minutes	0.5, 1, 2, 5, 10, 30, 60 Seconds; 2, 5, 30, 60 Minutes
Night Effects	Star Trails, Light Painting, Vehicle Light Trails	Star Trails, Light Painting, Vehicle Light Trails	Star Trails, Light Painting, Vehicle Light Trails
Night Lapse Video Intervals	Auto, 4, 5, 10, 15, 20, 30, 60 Seconds; 2, 5, 30, 60 Minutes	Auto, 4, 5, 10, 15, 20, 30, 60 Seconds; 2, 5, 30, 60 Minutes	Auto, 4, 5, 10, 15, 20, 30, 60 Seconds; 2, 5, 30, 60 Minutes
HindSight	✓	✓	
Scheduled Capture	✓	✓	
Duration Capture	✓	✓	
Live Streaming	1080p	1080p	1080p
Webcam Mode	✓	✓	
Protune	✓	✓	With the Quik App
Advanced Metadata	✓	✓	✓
8:7 Video Settings			
5.3K Wide	30, 25, 24 fps	30, 25, 24 fps	30, 25, 24 fps
4K Wide	60, 50, 30, 25, 24 fps	60, 50 fps	60, 50 fps
16:9 Video Settings			
5.3K HyperView	30, 25, 24 fps	30, 25, 24 fps	30, 25, 24 fps
5.3K SuperView	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
5.3K Wide	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
5.3K Linear	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
5.3K Linear + Horizon Lock	30, 25, 24 fps	30, 25, 24 fps	30, 25, 24 fps
5.3K Linear + Horizon Leveling	60, 50 fps	60, 50 fps	60, 50 fps
4K HyperView	60, 50, 30, 25, 24 fps	60, 50 fps	60, 50 fps
4K SuperView	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps



# Camera Comparison Chart



HERO 12 BLACK



HERO 11 BLACK



HERO 11 BLACK MINI

## 16:9 Video Settings (continued)

4K Wide	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps
4K Linear	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps
4K Linear + Horizon Lock	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
4K Linear + Horizon Leveling	120, 100 fps	120, 100 fps	120, 100 fps
2.7K SuperView		240, 200, 120, 100, 60, 50 fps	120, 100, 60, 50 fps
2.7K Wide	240, 200 fps	240, 200, 120, 100, 60, 50 fps	240, 200, 120, 100, 60, 50 fps
2.7K Linear	240, 200 fps	240, 200, 120, 100, 60, 50 fps	240, 200, 120, 100, 60, 50 fps
2.7K Linear + Horizon Lock		120, 100, 60, 50 fps	120, 100, 60, 50 fps
2.7K Linear + Horizon Leveling	240, 200 fps	240, 200 fps	240, 200 fps
1080p SuperView	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps
1080p Wide	240, 200, 120, 100, 60, 50, 30, 25, 24 fps	240, 200, 120, 100, 60, 50, 30, 25, 24 fps	240, 200, 120, 100, 60, 50, 30, 25, 24 fps
1080p Linear	240, 200, 120, 100, 60, 50, 30, 25, 24 fps	240, 200, 120, 100, 60, 50, 30, 25, 24 fps	240, 200, 120, 100, 60, 50, 30, 25, 24 fps
1080p Linear + Horizon Lock	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps	120, 100, 60, 50, 30, 25, 24 fps
1080p Linear + Horizon Leveling	240, 200 fps	240, 200 fps	240, 200 fps

## 4:3 Video Settings

5.3K Wide		30, 25, 24 fps	30, 25, 24 fps
5.3K Linear		30, 25, 24 fps	30, 25, 24 fps
5.3K Linear + Horizon Lock		30, 25, 24 fps	30, 25, 24 fps
4K Wide		60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
4K Linear		60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
4K Linear + Horizon Lock		60, 50, 30, 25, 24 fps	60, 50, 30, 25, 24 fps
2.7K Wide	120, 100, 60, 50 fps	120, 100, 60, 50 fps	120, 100, 60, 50 fps
2.7K Linear	120, 100, 60, 50 fps	120, 100, 60, 50 fps	120, 100, 60, 50 fps
2.7K Linear + Horizon Lock	120, 100, 60, 50 fps	120, 100, 60, 50 fps	120, 100, 60, 50 fps



# Camera Comparison Chart



HERO 12 BLACK



HERO 11 BLACK



HERO 11 BLACK *MINI*

9: 16 Video Settings			
4K Wide	60, 50, 30, 25 fps		
1080p Wide	60, 50, 30, 25 fps		
Audio Features			
Microphones	3	3	3
Advanced Noise Reduction	3-Mic Processing	3-Mic Processing	3-Mic Processing
Stereo Audio	✓	✓	
RAW Audio Capture		✓	✓
Wireless Audio	✓		
3.5mm Audio Mic In	With Media Mod <sup>1</sup> or Pro 3.5mm Mic Adapter <sup>1</sup>	With Media Mod <sup>1</sup> or Pro 3.5mm Mic Adapter <sup>1</sup>	
Connected Features			
Wi-Fi + Bluetooth®	✓	✓	✓
Connects to the Quik App	✓	✓	✓
Auto-Upload to the Cloud <sup>2</sup>	✓	✓	✓
GPS		✓	
USB-C Offload to Mobile	✓	✓	✓
HDMI Port	With Media Mod <sup>1</sup>	With Media Mod <sup>1</sup>	
Other Features			
Presets/Custom Presets	✓	✓	
Customizable On-Screen Shortcuts	✓	✓	
Timecode Sync	✓		
Voice Control	✓	✓	✓

<sup>1</sup> Sold Separately <sup>2</sup> With GoPro Subscription



# Camera Comparison Chart



HERO 12  
BLACK



HERO 11  
BLACK



HERO 11  
BLACK  
MINI

Design + Dimensions			
Processor	GP2	GP2	GP2
Dimensions	71.8 W x 50.8 H x 33.6 D (mm)	71.8 W x 50.8 H x 33.6 D (mm)	52.4 W x 51.2 H x 38.0 D (mm)
Weight (Camera + Mounting Fingers + Battery)	154g	154g	133g
Battery	Removable 1720mAh Enduro Lithium-Ion Rechargeable	Removable 1720mAh Enduro Lithium-Ion Rechargeable	Embedded 1500mAh Enduro Lithium-Ion Rechargeable
Front Screen	1.4" Color LCD	1.4" Color LCD	
Rear Touch Screen	2.27" Color LCD	2.27" Color LCD	
Rugged + Waterproof	33ft (10m)	33ft (10m)	33ft (10m)
Mounting Fingers	1 Set	1 Set	2 Sets
Integrated 1/4-20 Mounting Threads	✓		
USB Port	USB-C	USB-C	USB-C
Memory Storage	MicroSD Card With at Least V30 or UHS-3 Rating	MicroSD Card With at Least V30 or UHS-3 Rating	MicroSD Card With at Least V30 or UHS-3 Rating
LEDs	2	2	1
Mods Expandability (Sold Separately)	Max Lens Mod 2.0, Max Lens Mod, Media Mod, Display Mod, Light Mod	Max Lens Mod, Media Mod, Display Mod, Light Mod	Max Lens Mod
Compatible Housing (Sold Separately)	Protective Housing	Protective Housing	