

## Specs

## General

Dimensions	70.5×44.2×32.8 mm (L×W×H)
Weight	146 g
Waterproof	20 m without the Waterproof Case, 60 m with the Waterproof Case <small>Equipment designed to protect against water damage. Not for use in salt water. Seals in the Waterproof Case are not for use in salt water. Seals in the Waterproof Case are not for use in salt water. Seals in the Waterproof Case are not for use in salt water.</small>
Number of Microphones	3
Touchscreens	Front Screen: 1.46-inch 331 ppi 342×342 800 cd/m² max brightness (typical)  Rear Screen: 2.5-inch 326 ppi 400×712 800 cd/m² max brightness (typical), 1000 cd/m² peak brightness
Supported SD Cards	microSD (up to 1 TB)
Recommended microSD Cards	Recommended Models: SanDisk Extreme PRO 32GB U3 A1 V30 microSDHC Kingston CANVAS Go! Plus 64GB U3 A2 V30 microSDXC Kingston CANVAS Go! Plus 128GB U3 A2 V30 microSDXC Kingston CANVAS React Plus 64GB U3 A1 V90 microSDXC Kingston CANVAS React Plus 128GB U3 A1 V90 microSDXC Kingston CANVAS React Plus 256GB U3 A1 V90 microSDXC Lexar Professional 1066x 64GB U3 A2 V30 microSDXC Lexar Professional 1066x 128GB U3 A2 V30 microSDXC Lexar Professional 1066x 256GB U3 A2 V30 microSDXC Lexar Professional 1066x 512GB U3 A2 V30 microSDXC Kingston Canvas Go! Plus 1T U3 A2 V30 microSDXC

## Camera

Sensor	1/1.3-inch CMOS
Lens	FOV: 155° Aperture: f/2.8 Focus Range: 0.35 m to ∞
ISO Range	Photo: 100-25600 Video: 100-51200
Electronic Shutter Speed	Photo: 1/8000-30 s Video: 1/8000 s to the limit of frames per second
Max Photo Resolution	7296×5472

Zoom	Digital Zoom Photo: Max 2x Video: Max 2x Slow Motion/Timelapse: Not available
Still Photography Modes	Single: Approx. 40 MP Countdown: Off/0.5/1/2/3/5/10 s Burst: Up to 30 images/3 seconds
Standard Recording	4K (4:3): 3840×2880@100/120fps 4K (4:3): 3840×2880@24/25/30/48/50/60fps 4K (16:9): 3840×2160@100/120fps 4K (16:9): 3840×2160@24/25/30/48/50/60fps 2.7K (4:3): 2688×2016@100/120fps 2.7K (4:3): 2688×2016@24/25/30/48/50/60fps 2.7K (16:9): 2688×1512@100/120fps 2.7K (16:9): 2688×1512@24/25/30/48/50/60fps 1080p (16:9): 1920×1080@100/120/200/240fps 1080p (16:9): 1920×1080@24/25/30/48/50/60fps
SuperNight	4K (16:9): 3840×2160@24/25/30fps 2.7K (16:9): 2688×1512@24/25/30fps 1080p (16:9): 1920 × 1080@24/25/30/48/50/60fps
Subject Tracking	2.7K (16:9): 2688×1512@24/25/30/48/50/60fps 2.7K (9:16): 2688×1512@24/25/30/48/50/60fps 1080p (16:9): 1920×1080@24/25/30/48/50/60fps 1080p (9:16): 1920×1080@24/25/30/48/50/60fps
Slow Motion	4K: 4x (120fps) 2.7K: 4x (120fps) 1080p: 8x (240fps), 4x (120fps)
Hyperlapse	4K/2.7K/1080p@25/30fps: Auto/×2/×5/×10/×15/×30
Timelapse	4K/2.7K/1080p@25/30fps Intervals: 0.5/1/2/3/4/5/6/8/10/15/20/25/30/40 s, 1/2/5/30/60 mins Duration: 5/10/20/30 mins, 1/2/3/5 hours, ∞
Stabilization	EIS: RockSteady 3.0 RockSteady 3.0+ HorizonBalancing HorizonSteady <small>Electronic Image Stabilization (EIS) is only available in 1080p (16:9) or 1080p (9:16) at 24/25/30fps. HorizonSteady is only available in 1080p (16:9) or 1080p (9:16) at 24/25/30fps.</small>
Pre-Rec	Pre-Recording Duration: 5/10/15/30/60 s
Max Video Bitrate	100 Mbps
Supported File System	exFAT
Photo Format	JPEG/RAW
Video Format	MP4 (HEVC)
Built-in Storage Capacity	The camera features 64 GB of built-in storage, with 47 GB available for use. The storage capacity can be expanded by inserting a microSD card.
Audio Recording	48 kHz 16-bit; AAC

## Battery

Type	Li-ion 1S
Capacity	1950 mAh
Energy	7.5 Wh
Voltage	3.87 V
Operating Temperature	-20° to 45° C
Charging Temperature	5° to 40° C
Operating Time	240 mins
Measured at an ambient temperature of 25°C with a 100% duty cycle, at 1080p/24fps (16:9) video, with RockSteady on, Wi-Fi off, and screens off. Data was collected in a room with no other wireless devices present.	

## Connection

Wi-Fi Operating Frequency	2.400-2.4835 GHz 5.150-5.250 GHz 5.725-5.850 GHz
Wi-Fi Protocol	Wi-Fi 6.0 802.11 a/b/g/n/ac/ax
Wi-Fi Transmitter Power (EIRP)	2.4 GHz: < 23 dBm (FCC), < 20 dBm (CE/SRRC/MIC) 5.1 GHz: < 23 dBm (FCC/CE/SRRC/MIC) 5.8 GHz: < 23 dBm (FCC/SRRC), < 14 dBm (CE)
Bluetooth Operating Frequency	2.400-2.4835 GHz
Bluetooth Transmitter Power (EIRP)	< 13 dBm
Bluetooth Protocol	BLE 5.1