

## DJI Osmo Action 4

### Specs

#### General

- **Dimensions**
- 70.5×44.2×32.8 mm (L×W×H)
- **Weight**
- 145 g
- **Waterproof**
- 18 m without the Waterproof Case, 60 m with the Waterproof Case  
Before use, close the battery compartment cover and the USB-C port cover, and tighten the Glass Lens Cover. It is recommended to install the Waterproof Case for long-duration underwater shooting or in environments with high water impact pressure. Osmo Action 4 and its Waterproof Case have an IP68 waterproof rating. Do not use the camera in hot springs or extreme underwater environments, or let it come into contact with corrosive or unknown liquids.
- **Number of Microphones**
- 3
- **Touchscreens**
- Front Screen: 1.4-inch 323 ppi 320×320  
Rear Screen: 2.25-inch 326 ppi 360×640  
Front/Rear Screen Brightness: 750±50 cd/m<sup>2</sup>
- **Supported SD Cards**
- microSD (up to 512 GB)
- **Recommended microSD Cards**
- Recommended models:  
SanDisk Extreme Pro 32GB V30 A2 UHS-I Speed Grade 3  
Kingston Canvas Go!Plus 64GB UHS-I Speed Grade 3  
Kingston Canvas Go!Plus 128GB UHS-I Speed Grade 3  
Kingston Canvas React Plus 64GB UHS-II Speed Grade 3  
Kingston Canvas React Plus 128GB UHS-II Speed Grade 3  
Kingston Canvas React Plus 256GB UHS-II Speed Grade 3  
Lexar Pro 512GB SDXC UHS-I V30 R160/W120 (1066x)  
Lexar Pro 256GB SDXC UHS-I V30 R160/W120 (1066x)

#### Camera

- **Sensor**
- 1/1.3-inch CMOS
- **Lens**
- FOV: 155°  
Aperture: f/2.8  
Focus Range: 0.4 m to ∞
- **ISO Range**
- Photo: 100-12800  
Video: 100-12800
- **Electronic Shutter Speed**
- Photo: 1/8000-30 s  
Video: 1/8000 s to the limit of frames per second
- **Max Photo Resolution**
- 3648×2736
- **Zoom**

- Digital Zoom  
Photo: 4×  
Video: Max 2×  
Slow Motion/Timelapse: Not available
- **Still Photography Modes**
- Single: Approx. 10 MP  
Countdown: Off/0.5/1/2/3/5/10 s
- **Standard Recording**
- 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@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
- **Slow Motion**
- 4K: 4× (120fps)  
2.7K: 4× (120fps)  
1080p: 8× (240fps), 4× (120fps)
- **Hyperlapse**
- 4K/2.7K/1080p: Auto/×2/×5/×10/×15/×30
- **Timelapse**
- 4K/2.7K/1080p@30fps  
Intervals: 0.5/1/2/3/4/5/6/8/10/15/20/25/30/40 s  
Duration: 5/10/20/30 mins, 1/2/3/5 hours, ∞
- **Stabilization**
- EIS:  
RockSteady 3.0  
RockSteady 3.0+  
HorizonBalancing  
HorizonSteady  
EIS is not supported in Slow Motion and Timelapse modes. HorizonSteady is only available when the video resolution is 1080p (16:9) or 2.7K (16:9) with a frame rate of 60fps or below. HorizonBalancing is only available when the video resolution is 1080p (16:9), 2.7K (16:9), or 4K (16:9) with a frame rate of 60 fps or below.
- **Max Video Bitrate**
- 130 Mbps
- **Supported File System**
- exFAT
- **Photo Format**
- JPEG/RAW
- **Video Format**
- MP4 (H.264/HEVC)
- **Built-in Storage Capacity**
- The camera does not have built-in storage, but storage capacity can be expanded by inserting a microSD card.
- **Audio Recording**
- 48 kHz 16-bit; AAC

## Battery

- **Type**
- LiPo 1S
- **Capacity**
- 1770 mAh
- **Energy**
- 6.8 Wh
- **Voltage**
- 3.85 V
- **Operating Temperature**
- -20° to 45° C (-4° to 113° F)
- **Charging Temperature**
- 5° to 40° C (41° to 104° F)
- **Operating Time**
- 160 minutes

Tested at room temperature (25° C/77° F) and 1080p/24fps (16:9), with RockSteady on, Wi-Fi off, and screen off. This data is for reference only.

## Connection

- **Wi-Fi Operating Frequency**
- 2.400-2.4835 GHz
- 5.150-5.250 GHz
- 5.725-5.850 GHz
- **Wi-Fi Protocol**
- 802.11 a/b/g/n/ac
- **Wi-Fi Transmitter Power (EIRP)**
- 2.4 GHz: < 15 dBm (FCC/CE/SRRC/MIC)
- 5.1 GHz: < 16 dBm (FCC/CE/SRRC/MIC)
- 5.8 GHz: < 14 dBm (FCC/CE/SRRC)
- **Bluetooth Operating Frequency**
- 2.400-2.4835 GHz
- **Bluetooth Transmit Power (EIRP)**
- <3 dBm
- **Bluetooth Protocol**
- BLE 5.0