

# DJI Osmo Action 5 Pro Specification

## DJI Osmo Action 5 Pro

### Specifications

#### 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

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 5 Pro 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: 1.46-inch 331 ppi 342×342

800 cd/m<sup>2</sup> max brightness (typical)

Rear Screen: 2.5-inch 326 ppi 400×712

800 cd/m<sup>2</sup> max brightness (typical), 1000 cd/m<sup>2</sup> 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:	7296x5472
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): 3840x2880@100/120fps 4K (4:3): 3840x2880@24/25/30/48/50/60fps 4K (16:9): 3840x2160@100/120fps 4K (16:9): 3840x2160@24/25/30/48/50/60fps 2.7K (4:3): 2688x2016@100/120fps 2.7K (4:3): 2688x2016@24/25/30/48/50/60fps 2.7K (16:9): 2688x1512@100/120fps 2.7K (16:9): 2688x1512@24/25/30/48/50/60fps 1080p (16:9): 1920x1080@100/120/200/240fps 1080p (16:9): 1920x1080@24/25/30/48/50/60fps
SuperNight:	4K (16:9): 3840x2160@24/25/30fps



	2.7K (16:9): 2688x1512@24/25/30fps
	1080p (16:9): 1920x1080@24/25/30fps
Subject Tracking:	2.7K (16:9): 2688x1512@24/25/30/48/50/60fps
	2.7K (9:16): 2688x1512@24/25/30/48/50/60fps
	1080p (16:9): 1920x1080@24/25/30/48/50/60fps
	1080p (9:16): 1920x1080@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/x2/x5/x10/x15/x30
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
	EIS is not supported in Timelapse and Slow Motion 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 60fps or below.
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
<b>Battery</b>	
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 a room temperature of 25° C, while recording 1080p/24fps (16:9) video, with RockSteady on, Wi-Fi off, and screens off. Data was collected in a controlled environment. Please refer to your actual experience.

#### 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