



Clifton Cameras Product Specification

DJI Osmo Action 3 Standard Combo

Dimensions (L x W x H): 70.5 x 44.2 32.8 mm

Weight: 145g

Waterproof: 16m without Waterproof Case (1), 60m with Waterproof Case

Number of Microphones: 3

Touchscreens:

- Front Screen: 1.4-inch 326 ppi 320 x 320
- Rear screen: 2.25-inch 326 ppi 360x640
- Front/Back Screen Brightness: 750 ± 50 cd/m²

Supported SD Cards: microSD (up to 257 GB)

Recommended microSD Cards:

SanDisk Extreme 32GB V30 A2 UHS-I Speed Grade 3

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

Samsung Pro Plus 256GB V30 A2 UHS-I Speed Grade 3

Sensor: 1/1.7-inch CMOS

Lens:

FOV: 155°

Aperture: f/2.8

Format Equivalent: 12.7mm

Focus Range: 0.3m to ∞

ISO Range:

Photo: 100-12800

Video: 100-12800

Electronic Shutter Speed:

Photo: 1/8000-30s

Video: 1/8000s to the limit of frames per second

Max Photo Resolution: 4000 x 3000



Zoom: Digital Zoom:

Photo: 4x

Video 2x (> 60fps, HorizonSteady On), 4x (≤ 60fps, HorizonSteady On), 4x (≤ 60fps, HorizonSteady Off)

Slow Motion/ Timelapse: Not available

Still Photography Modes:

Single: 12mp

Countdown: Off/0.5/1/2/3/5/10 s

Standard Recording:

4K (4:3): 4096x3072@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@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

Slow Motion:

4K: 4x (120fps)
2.7K: 4x (120fps)
1080p: 8x (240fps), 4x (120fps)

Hyperlapse: 4K/ 2.7K/ 1080p: Auto/ x2/ x5/ x10/ x15/ x30

Timelapse:

4K/2.7K/1080p@30fps
Intervals: 0.5/1/2/3/4/5/6/7/8/10/13/15/20/25/30/40 s
Duration: 5/10/20/30 mins, 1/2/3/5 hours, ∞

Stabilisation:

EIS (2):
RockSteady 3.0
HorizonBalancing
HorizonSteady

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 Output: 48kHz; AAC

Type: LiPo1S



Capacity: 1770 mAh

Energy: 6.8 Wh

Voltage: 3.85 V

Operating Temperature: -20° to 45° (-4° to 113° F)

Charging Temperature: 5° to 40°C (41° to 104°F)

Operating Time: 160 mins (3)

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 Transmission Power (EIRP):

2.4 GHz: < 16 dBm (FCC/CE/SRRC/MIC)

5.1 GHz: < 14 dBm (FCC/CE/SRRC/MIC)

5.8 GHz: < 14 dBm (FCC/CE/SRRC)

Bluetooth Operating: 2.400-2.4835 GHz

Bluetooth Transmission Power: < 4 dBm

Bluetooth Protocol: BLE 5.0

1. Before use, close the battery compartment cover and the USB-C port cover, and tighten the Lens Protective Cover. It is recommended to install the Waterproof Case for long-duration underwater shooting or in environments with high water impacts or pressure. Osmo Action 3 and its Waterproof Case have an IP68 waterproof rating. Do not use the camera in hot springs or expose it to corrosive liquids.
2. 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.
3. Tested in a 25° C (77° F) laboratory environment while recording 1080p/30fps video with EIS disabled and the screens off, and should be used for reference only.