

DJI Osmo Action 6

DJI Osmo Action 6 Essential Combo Instruction Manual

Model: Osmo Action 6

1. INTRODUCTION

The DJI Osmo Action 6 is a versatile action camera designed for capturing high-quality footage in various environments. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance.

Key features include a 1/1.1-inch square sensor for vibrant 4K video, a variable aperture (f/2.0–f/4.0) for adapting to different lighting conditions, and robust cold resistance with up to 4 hours of battery life. It also boasts 50GB of built-in storage and is waterproof up to 20 meters without additional housing.

2. WHAT'S IN THE BOX

The DJI Osmo Action 6 Essential Combo includes the following items:

- Osmo Action 6 Camera x 1
- Osmo Action Extreme Battery Plus (1950 mAh) x 1
- Osmo Dual-Direction Quick-Release Adapter Mount x 1
- Osmo Locking Screw x 1
- USB-C to USB-C PD Cable (USB 3.1) x 1
- Osmo Action Anti-Slip Pad x 1
- DJI Logo Sticker x 1
- Quick Start Guide x 1
- Disclaimer x 1
- Warranty Card x 1



Image: The DJI Osmo Action 6 Essential Combo contents laid out, showing the camera, a single battery, quick-release mounts, a locking screw, USB-C cable, anti-slip pad, and documentation.

3. SETUP

1. **Insert Battery:** Open the side compartment of the Osmo Action 6 and insert the Osmo Action Extreme Battery Plus. Ensure it clicks securely into place.
2. **Power On:** Press and hold the power button (usually located on the side) to turn on the camera.
3. **Initial Setup:** Follow the on-screen prompts to select your language and complete the basic setup.
4. **Download DJI Mimo App:** For full functionality and activation, download the DJI Mimo app. Note: Due to compatibility issues, the DJI Mimo app has been removed from Google Play. Visit DJI's official website to download the latest version.
5. **Connect to App:** Launch the DJI Mimo app, tap the camera icon, enable Bluetooth and Wi-Fi on your smartphone, and connect to your Osmo Action 6.
6. **Activate Device:** Complete the activation by following the prompts in the DJI Mimo app.



Image: The DJI Osmo Action 6 camera, showcasing its compact design and front display.

4. OPERATING THE CAMERA

4.1 Basic Controls

- **Power Button:** Press and hold to power on/off. Short press to switch between shooting modes.
- **Shutter/Record Button:** Press once to take photos or start/stop recording. Press and hold to enable Snapshot when the camera is powered off.

4.2 Touchscreen Interface

The Osmo Action 6 features both front and rear touchscreens for intuitive control. Swipe left or right to change shooting modes (Photo, Video, Slow Motion, Hyperlapse). Swipe down from the top to access settings and quick functions.

4.3 Variable Aperture

The camera features a variable aperture from f/2.0 to f/4.0, allowing for optimal exposure in diverse lighting conditions. You can select between:

- **Auto Mode:** Automatically adjusts aperture based on ambient brightness.
- **Fixed Aperture:** Choose a fixed aperture like f/2.8 for a classic action camera look with a minimum focus distance of 35 cm.
- **Starburst:** Fixed aperture f/4.0 with minimum focus distance to capture a six-point starburst effect.

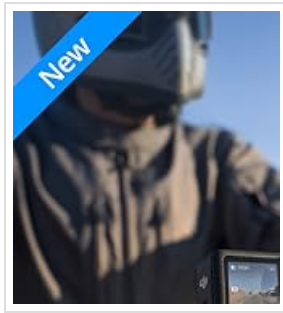


Image: Visual representation of the variable aperture feature, demonstrating its effect in different lighting scenarios.

4.4 Video Modes and Settings

The Osmo Action 6 supports various video resolutions and frame rates:

- **Resolution:** 4K, 2.7K, 1080p.
- **Frame Rates:** Up to 120fps in 4K, and up to 240fps in 1080p for slow motion.
- **Stabilization:** RockSteady 3.0 provides robust stabilization, while HorizonSteady corrects horizontal tilts and limits shakes.
- **SuperNight Mode:** Delivers detailed video up to 4K/60fps in low light conditions.

4.5 Photo Modes and Settings

Capture high-resolution photos with options for different aspect ratios and megapixels, including 34MP images.

4.6 Special Features

- **50GB Built-in Storage:** Allows for extended shooting without immediate need for a memory card.
- **OsmoAudio Direct Microphone Connection:** Connects two DJI microphone transmitters for high-quality audio without a receiver.
- **Gesture and Voice Control:** Start recording or switch modes hands-free.

Video: An introductory video showcasing the DJI Osmo Action 6's features, including variable aperture, square sensor, and waterproofing.

5. MAINTENANCE

5.1 Waterproofing

The Osmo Action 6 is waterproof up to 20 meters without a case. For optimal waterproofing:

- Check that the Glass Lens Cover and screens are intact.
- Close the battery compartment cover and the USB-C port cover tightly.
- Tighten the Glass Lens Cover.
- For depths up to 60 meters or environments with high water impact pressure, install the Waterproof Case.
- Do not use the product in extreme water environments or unknown liquids. Avoid using it in hot springs or corrosive liquids.
- Before changing the Glass Lens Cover, air dry the camera to avoid any fogging caused by water entering the lens cap.
- Rinse the camera with clean water after using it underwater, and completely air dry it before using it again.

5.2 Battery Care

The Osmo Action 6 battery is cold-resistant, allowing operation in temperatures from -20°C to 45°C (-4°F to 113°F). Ensure batteries are charged using the provided USB-C cable or the multifunctional battery case.

6. TROUBLESHOOTING

6.1 DJI Mimo App Issues

If you encounter issues downloading the DJI Mimo app from Google Play, please visit DJI's official website to download the latest version directly. All Mimo app features are free.

6.2 Exporting Photos and Videos

There are three options to export content from your Osmo Action 6:

1. Connect to the DJI Mimo app and download content from the microSD card and built-in storage to your smartphone.
2. Use a card reader to export content from the microSD card to your computer or smartphone.
3. Swipe down from the camera view, tap the Settings icon, and select 'USB Mode'. Follow the on-screen prompts to connect the camera to a computer or smartphone with a USB-C cable. You can then export content from the microSD card and built-in storage.

7. SPECIFICATIONS

Feature	Detail
Brand	DJI
Item Weight	5.3 ounces
Product Dimensions	2.87 x 1.86 x 1.3 inches
Photo Sensor Technology	CMOS (1/1.1-inch Square Sensor)
Video Capture Resolution	4K
Maximum Aperture	f/2.0 - f/4.0 (Variable)
Flash Memory Type	Micro SD (50GB Built-in Storage)
Video Capture Format	MP4
Screen Size	2.5 Inches
Waterproof Depth	Up to 20m without a case
Battery Life	Up to 4 hours

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the included Warranty Card or visit the official DJI website. DJI offers a 'DJI Care Refresh' program for low-cost replacement and free shipping for eligible products. For additional assistance, please contact DJI customer service through their official channels.

Related Documents - Osmo Action 6

Leeming LUT

Camera Setup Guide:	DJI Osmo Action 6
Colour Space:	Rec709 gamma 2.4
Target Exposure:	ETTR
LUT Version:	Pro 4
Guide Version:	2025.11.25

Leeming LUT Pro 4 DJI Osmo Action 6 Setup Guide - Enhance Your Footage

Comprehensive setup guide for Leeming LUT Pro 4 with the DJI Osmo Action 6.

Learn optimal camera settings, color space, exposure, and white balance for maximum dynamic range and color accuracy.

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Guide d'utilisateur

v1.0 2025.11



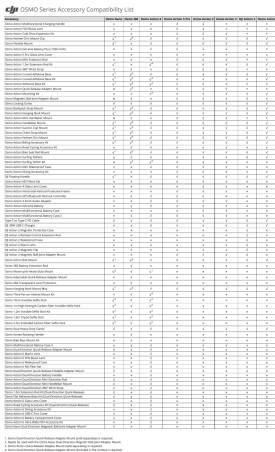
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DJI Osmo Series Accessory Compatibility List

A comprehensive compatibility list for accessories designed for the DJI Osmo Action series of cameras, including Osmo Action, Osmo Action 3, DJI Action 2, Osmo Action 4, Osmo Action 5 Pro, Osmo Action 6, Osmo 360, and Osmo Nano.

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DJI OSMO ACTION 6

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Variable Aperture

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Beschreibung

DJI Osmo Action 6 Standard Combo

Artikelnummer

733000

SKU

6867000000000

DJI Osmo Action 6 Adventure Combo

Artikelnummer

733001

SKU

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Highlights

Variable Aperture

Variable Aperture

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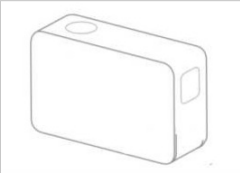
DJI Osmo Action 6: Action Camera Datasheet & Specifications

Detailed technical specifications, features, and package contents for the DJI Osmo Action 6 action camera, including sensor details, video capabilities, battery life, and accessory compatibility.

lang:de score:30 filesize: 474.62 K page_count: 4 document date: 2025-11-14

Osmo Action 6

Quick Start Guide



Osmo Action 6 Quick Start Guide

A quick start guide for the Osmo Action 6, covering app download, button features, touchscreen operation, charging, accessory mounting, specifications, and FCC/ISED compliance.

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DJI Osmo Action 6 Release Notes

Date

2025.11.13

Firmware Version

01.01.02.30

DJI Mimo App iOS

V2.6.0

DJI Mimo App Android

V2.6.0

What's New

Added Portrait mode for improved skin tone rendering.

Added more range options for the Variable Aperture setting.

Added new options for Film Tone in Video mode: CC and MC.

Added Quality Priority in Video mode, which further enhances image quality when enabled.

Added support for vertical aspect ratio (9:16) in Slow Motion mode.

Optimized image quality and dynamic range in BK Photo mode.

Optimized image quality in Superlight mode.

Fixed some minor bugs.

Notes

If the update fails, follow the steps for troubleshooting.

1. Restart the camera and DJI Mimo.

2. Enable Wi-Fi and Bluetooth on the mobile device.

3. Connect the camera to DJI Mimo and try the update again.

Contact DJI Support if the update fails again.

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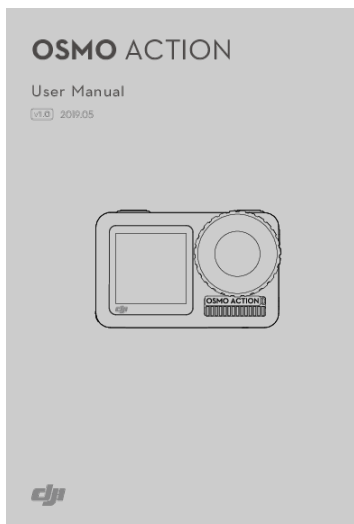
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DJI Osmo Action 6 Release Notes - Firmware and App Updates

Details the latest release notes for the DJI Osmo Action 6, including firmware version 01.01.02.30 and DJI Mimo app version V2.6.0, with information on new features and troubleshooting.

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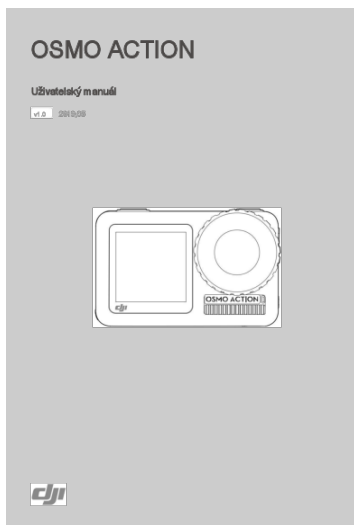


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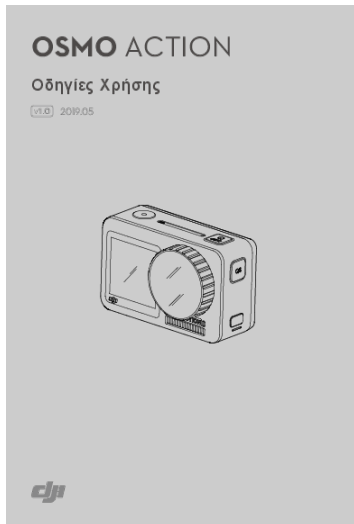


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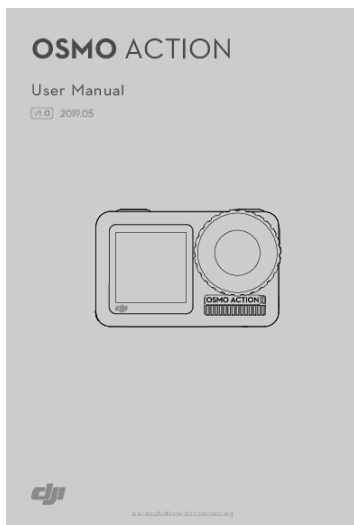


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OSMO ACTION Το Osmo Action είναι μια κάμερα με δύο οθόνες η οποία εξοπλισμένη την τελευταία τεχνολογία RockSteady EIS της DJI και μπορεί να τραβήξει DjI cdn plaisio gr mms PlaisioGr Product digital assets Manual |||

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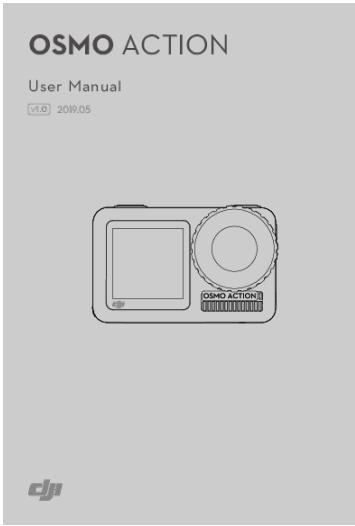


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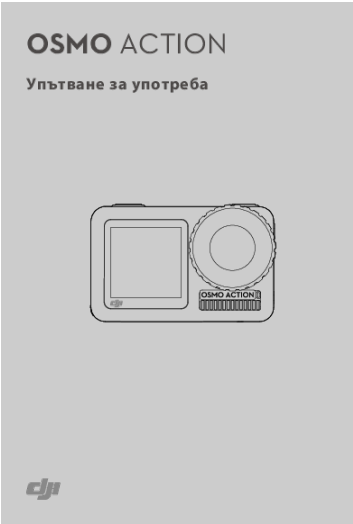


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1. Download DJI Mimo App The DJI Mimo app is required when using Osmo Action 4. Search for DJI Mimo in the mobile app store or scan the QR code with your mobile phone to download and install the DJI Mimo app 2. Introduction Button Features Shutter/Record Button Operation Description Press ...

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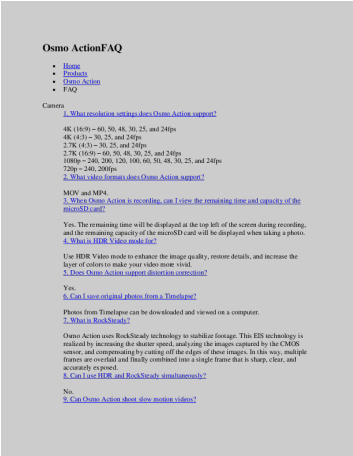


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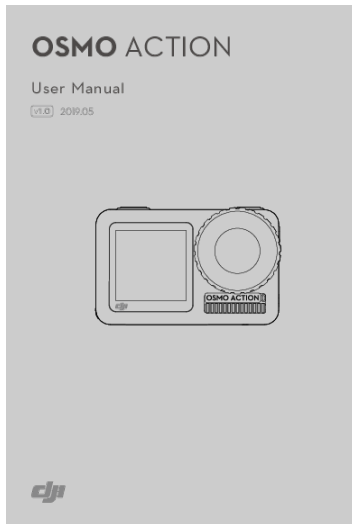


[pdf] User Manual Frequently Asked Questions

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Osmo ActionFAQ Home Products Osmo Action FAQ Camera 1. What resolution settings does Osmo Action support 4K 16:9 60, 50, 48, 30, 25, and 24fps 4K 4:3 30, 25, and 24fps 2.7K 4:3 30, 25, and 24fps 2.7K 16:9 60, 50, 48, 30, 25, and 24fps 1080p 240, 200, 120, 100, 60, 50, 48, 30, 25, a...

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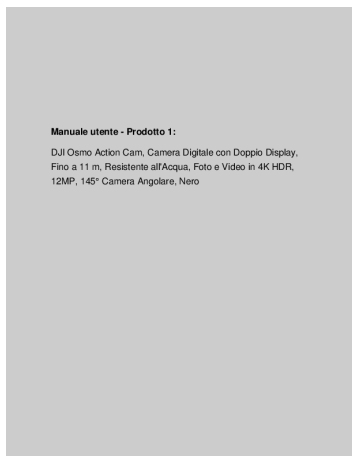


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Manuale utente - Prodotto 1: DJI Osmo Action Cam, Camera Digitale con Doppio Display, Fino a 11 m, Resistente all'Acqua, Foto e Video in 4K HDR, 12MP, 145 Camera Angolare, Nero OSMO ACTION Manuale d uso v1.0 2019.05 Ricerca per parole chiave Ricercare parole chiave come batteria e installazi...

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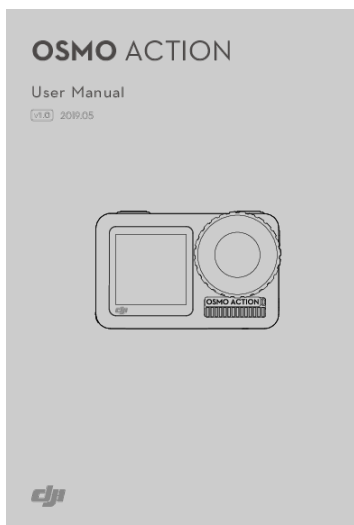
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[DJI Osmo Action 6 Quick Start Guide - Setup and Usage](#)

Concise and SEO-optimized HTML guide for the DJI Osmo Action 6 camera. Learn how to set up, connect to the DJI Mimo app, power on/off, charge, and mount your action camera.

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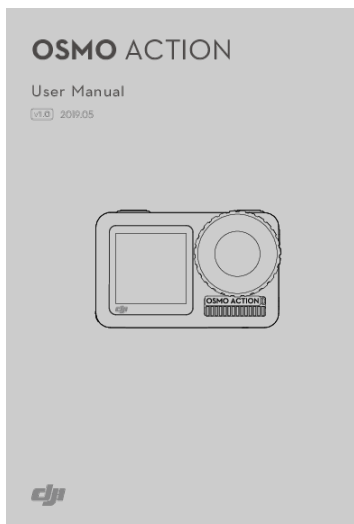


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User Manual for Osmo Action DJI Store Sofia Read Before First Use the following documents before using OSMOTM 1 2 Disclaimer and Safety Guidelines It is recommended to watch all tutorial videos on official DJITM In mode shutter speed ISO value can be set Note that Max only when auto Image Video Settings Set white balance select color between Normal D Cinelike* turn Dewarp or off choose format For best waterproof performance do not detach lens filter cap unless necessary Page 5 OSMO ACTION © 2019 All Rights Using this Introduction Charging 9 Swipe Right right then swipe left scroll through photos osmo action user manual store dji bg img cms upatvaniya za upotreba

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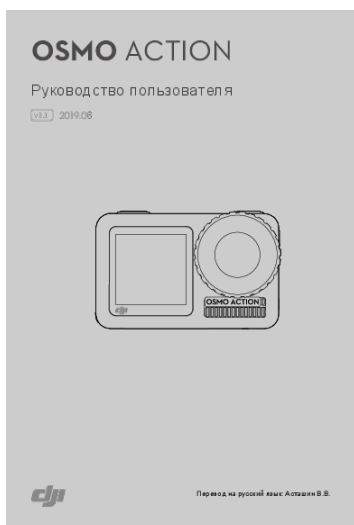
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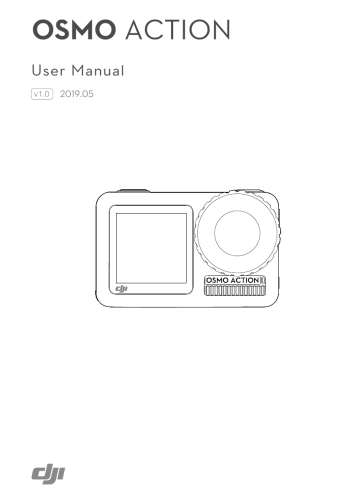
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[DJI Osmo Action: Action Camera Features, Specs, and Training](#)

Explore the features, unique selling points, specifications, and accessories of the DJI Osmo Action camera. Learn about RockSteady stabilization, dual screens, 4K HDR video, and its suitability for various activities.

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Osmo ActionFAQ

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Camera

1. [What resolution settings does Osmo Action support?](#)
 - 4K (16/10/60, 50, 48, 30, 25, and 24fps)
 - 4K (16/10/50, 30, 25, and 24fps)
 - 2.7K (16/10/50, 30, 25, and 24fps)
 - 2.7K (16/10/60, 50, 48, 30, 25, and 24fps)
 - 1080p – 240, 200, 120, 100, 60, 50, 48, 30, 25, and 24fps
 - 720p – 240, 200fps
2. [What video formats does Osmo Action support?](#)

MOV and MP4

3. [Where Osmo Action is recording, can I view the remaining time and capacity of the microSD card?](#)

Yes. The remaining time will be displayed at the top left of the screen during recording, and the remaining capacity of the microSD card will be displayed when taking a photo.

▶ [View a H.265 video module](#)

Use HDR Video mode to enhance the image quality, restore details, and increase the color of scenes to make your video more vivid.

▶ [Osmo Action supports different display in correction?](#)
4. [Yes](#)
5. [Can I save original photos from a TimeLapse?](#)

Photos from TimeLapse can be downloaded and viewed on a computer.

6. [What is RockSteady?](#)
7. [Can I use H.265 and RockSteady simultaneously?](#)
8. [Yes](#)
9. [Can Osmo Action shoot slow motion videos?](#)

Osmo Action supports up to 1080p@240fps & slow motion videos.

10. [What is D-Cinelike?](#)

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lang:pl score:13 filesize: 1.4 M page_count: 16 document date: 2019-05-15

