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› DJI Osmo Action 5 Pro Adventure Combo User Manual

DJI 6941565989529

DJI Osmo Action 5 Pro Adventure Combo User Manual

Model: 6941565989529

INTRODUCTION

The DJI Osmo Action 5 Pro is an advanced action camera designed for capturing high-quality footage in diverse environments. It features a next-gen 1/1.3-inch sensor for superior image quality, enhanced stabilization, and extended battery life. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Osmo Action 5 Pro.



Figure 1: DJI Osmo Action 5 Pro Adventure Combo with accessories.

SETUP

Unboxing and Initial Inspection

Upon receiving your DJI Osmo Action 5 Pro Adventure Combo, carefully unbox all components and inspect them for any signs of damage. Ensure all items listed in the "What's in the Box" section are present.

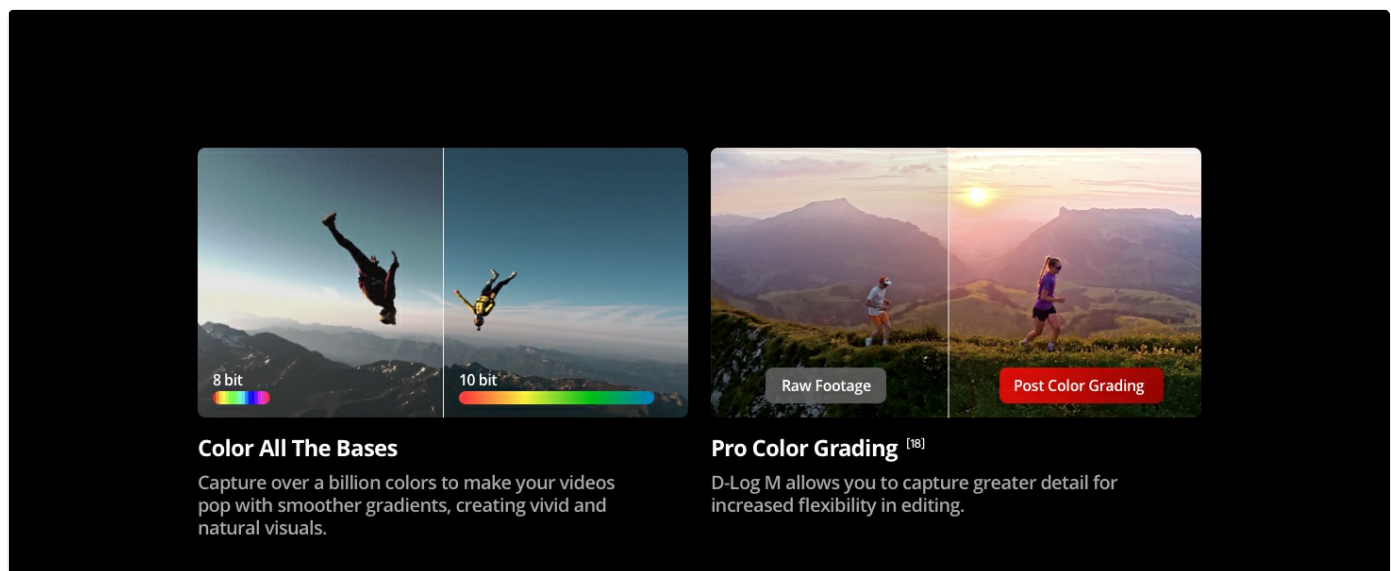


Figure 2: Contents of the Adventure Combo package.

Battery Installation and Charging

1. Insert the Osmo Action Extreme Battery Plus into the Osmo Action Multifunctional Battery Case 2.
2. Connect the battery case to a power source using the provided Type-C to Type-C PD Cable. The indicator lights on the case will show charging status.
3. Ensure batteries are fully charged before first use for optimal performance.

Activating Your Osmo Action 5 Pro

To ensure proper functionality and access to all features, your Osmo Action 5 Pro must be activated via the DJI Mimo App.

1. Download the DJI Mimo app by scanning the QR code displayed on the camera screen prompt or by visiting the DJI official website to download the latest version. *(Note: Due to platform compatibility issues, the DJI Mimo app has been removed from Google Play.)*
2. Press and hold the quick switch button to power on your Osmo Action 5 Pro.
3. Launch the DJI Mimo app on your smartphone. Enable Bluetooth and Wi-Fi on your smartphone, and connect to Osmo Action 5 Pro.
4. After connecting, the DJI Mimo app will prompt you to activate the device.
5. Complete the activation by following the on-screen prompts within the app.

MicroSD Card Installation

While the Osmo Action 5 Pro includes 47 GB of internal storage, a microSD card is recommended for extended recording. Insert a compatible microSD card into the designated slot on the camera.

Recommended microSD card models include:

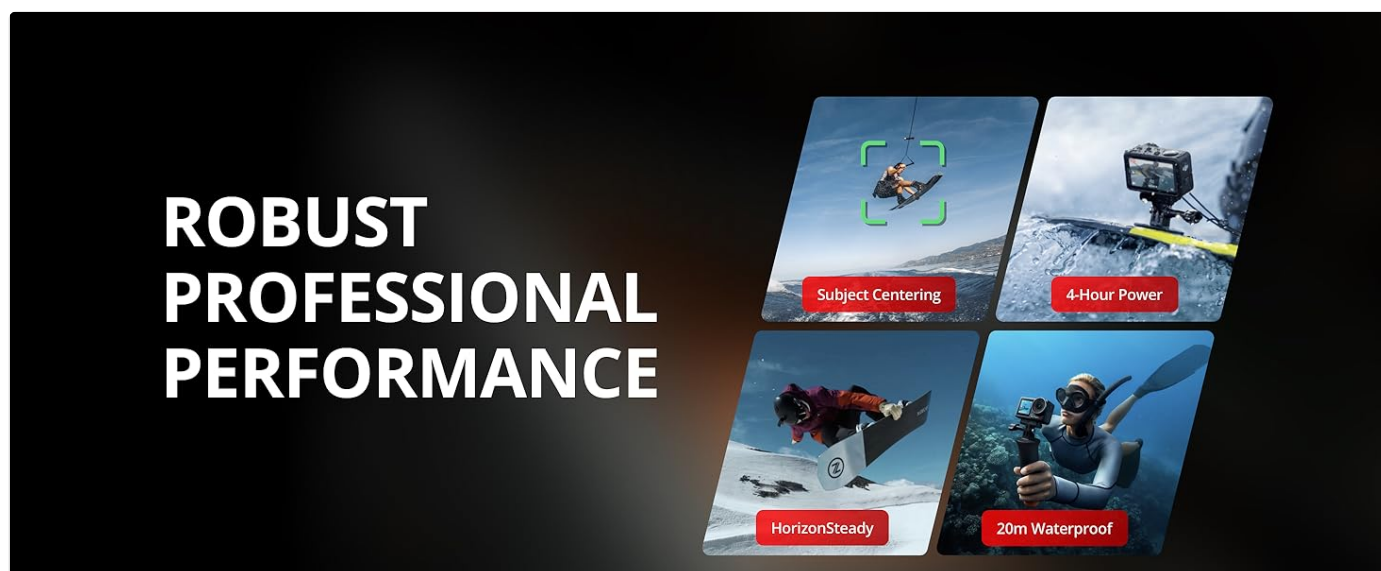
- SanDisk Extreme PRO 32GB U3 A1 V30 microSDHC
- Kingston CANVAS Go! Plus 64GB U3 A2 V30 microSDXC
- Kingston CANVAS Go! Plus 128GB U3 A2 V30 microSDXC
- Kingston CANVAS Go! Plus 256GB U3 A2 V30 microSDXC
- Kingston CANVAS Go! Plus 512GB U3 A2 V30 microSDXC
- Lexar Professional 1066x 64GB U3 A2 V30 microSDXC
- 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 1TB U3 A2 V30 microSDXC

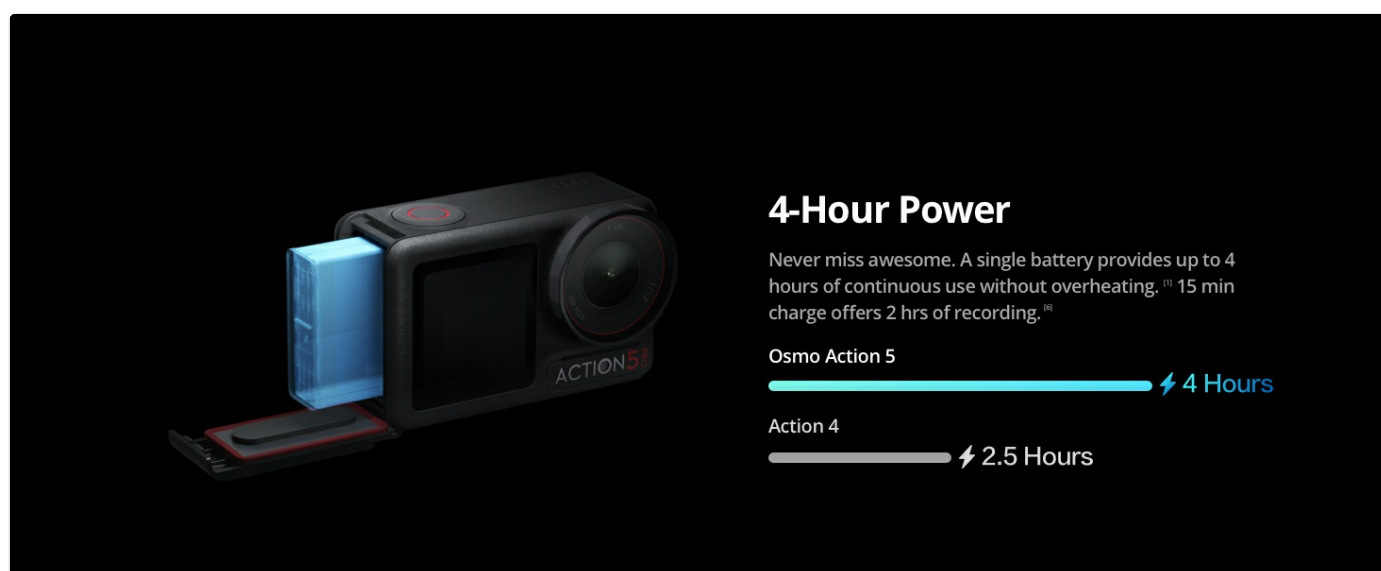
OPERATING INSTRUCTIONS

Revolutionary Imaging

The Osmo Action 5 Pro features a new 1/1.3-inch sensor and a 4nm chip, delivering stunning low-light performance and vibrant, true-to-life colors. It supports 4K video recording at 120fps in a 4:3 aspect ratio, providing more space for framing and cropping.



For challenging lighting conditions, the camera's SuperNight mode uses advanced noise reduction to sharpen and clean your footage, especially effective at dusk or in city nightscapes.



Advanced Stabilization

Achieve ultra-stable footage with 360° HorizonSteady and RockSteady 3.0. HorizonSteady maintains a level view, while RockSteady 3.0 reduces shakiness during extreme movements, ensuring professional-level content regardless of action intensity.

Conveniently Switch Up Angles

Switch to verticle recording in 1.5 seconds for fresh and unique shots.



Figure 5: Superior stabilization with HorizonSteady and RockSteady 3.0.

Audio and Dual Screens

The Osmo Action 5 Pro offers professional audio capture with direct DJI Microphone connection, allowing you to use DJI Mic 2/Mic Mini transmitters without a receiver. Dual OLED touchscreens provide crisp viewing and responsive control, making vlogging and self-filming easier.



Figure 6: Dual OLED touchscreens and Pro Audio capabilities.

Battery Life and Durability

Experience up to 4 hours of continuous recording with the extended battery life. The camera is waterproof up to 20 meters without an additional case and can operate in temperatures as low as -20°C (-4°F).



Crisp, Dual OLED Touchscreens

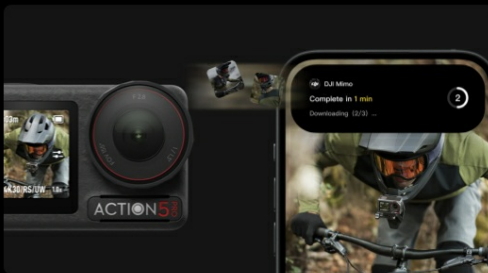
Dual OLED touchscreens are larger, brighter, and super responsive,^[10] letting you frame and check your shots on the go.



Pro Audio

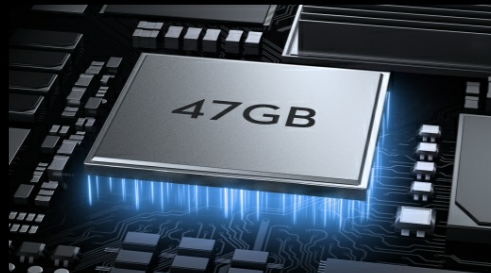
Connect Action 5 Pro to the DJI Mic 2/Mic Mini Transmitter^[2] via OsmoAudio™, delivering quality audio without a receiver.

Figure 7: Extended 4-hour battery life for continuous use.



Rapid transfer

Spend less time waiting and more time creating. Wirelessly transfer content at speeds up to 80 MB/s.^[14]



47 GB Internal Storage

Massive 47 GB built-in storage means you don't need to bother with microSD cards. Start recording right out of the box!

Figure 8: Waterproof up to 20m and cold-resistant down to -20°C.

Smart Features and Connectivity

The camera includes an exclusive built-in air pressure gauge for altitude data and a water pressure gauge for real-time underwater depth and duration display. Voice control allows for hands-free operation. Content transfer is rapid, with wireless speeds up to 80 MB/s.



Figure 9: Integrated Air and Water Pressure Gauges.

Why does Osmo Action 5 Pro heat up during use?

When using high-specification, high-performance modes (such as 4K/120fps standard video mode, 2.7K/60fps Subject Tracking mode, or 4K/30fps SuperNight mode), the camera consumes more power, which can result in a noticeable increase in temperature. Additionally, extended recording sessions or prolonged handheld use can also cause the camera to feel warm.

How do I solve the issue of flicker when playing footage shot on Osmo Action 5 Pro on different computers?

Playback of recorded footage on computers can be affected by computer settings and performance. If flicker occurs, try the following solutions:

Apple Mac: Go to System Preferences > Displays > Refresh Rate, and change the refresh rate to a fixed value, instead of ProMotion.

Other computers: A low-performance graphics card may cause flicker when playing the files. It is recommended to use a better-performing computer for viewing.

What should I do before using Osmo Action 5 Pro underwater?

1. Check that the Glass Lens Cover and screens are intact. Close the battery compartment cover and the USB-C port cover, and tighten the Glass Lens Cover.
2. Osmo Action 5 Pro can be used at depths of up to 20 meters. However, it is recommended to install the Waterproof Case for long-duration underwater shooting or in environments with high water impact pressure. With the Waterproof Case, Osmo Action 5 Pro can be used at depths of up to 60 meters.
3. Do not use the camera in hot springs or extreme underwater environments, or let it come into contact with corrosive or unknown liquids.
4. Before changing the Glass Lens Cover, air dry the camera to avoid any condensation caused by water entering the lens cap.
5. Rinse the camera with clean water after using it underwater, and completely air dry it before using it again.

Figure 10: Fast data transfer and ample internal storage.

MAINTENANCE

General Care

- Keep the camera clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the camera to extreme temperatures or direct sunlight for prolonged periods.
- Store the camera and accessories in a dry, cool place when not in use.

Underwater Use Precautions

Before using your Osmo Action 5 Pro underwater, follow these steps:

1. Check that the Glass Lens Cover and screens are intact and securely closed.
2. Close the battery compartment cover and the USB-C port cover tightly.
3. The Osmo Action 5 Pro can be used at depths of up to 20 meters. However, it is recommended to install the Waterproof Case for long-duration underwater shooting or in environments with high water impact pressure. With the Waterproof Case, Osmo Action 5 Pro can be used at depths of up to 60 meters.
4. Do not use the camera in hot springs or extreme underwater environments, or let it come into contact with corrosive or

- unknown liquids.
- Before changing the Glass Lens Cover, air dry the camera to avoid any condensation 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.

TROUBLESHOOTING

Camera Heating During Use

When using high-specification, high-performance modes (such as 4K/120fps standard video mode, 2.7K/60fps Subject Tracking mode, or 4K/30fps SuperNight mode), the camera consumes more power, which can result in a noticeable increase in temperature. Additionally, extended recording sessions or prolonged handheld use can also cause the camera to feel warm. This is normal operation and does not indicate a fault.

Flicker When Playing Footage on Different Computers

Playback of recorded footage on computers can be affected by computer settings and performance. If flicker occurs, try the following solutions:

- Apple Mac:** Go to **System Preferences > Displays > Refresh Rate**, and change the refresh rate to a fixed value, instead of ProMotion.
- Other computers:** A low-performance graphics card may cause flicker when playing the files. It is recommended to use a better-performing computer for viewing.



Figure 11: Common troubleshooting topics.

SPECIFICATIONS

Feature	Detail
Product Dimensions	2.78 x 1.74 x 1.29 inches
Item Weight	5.1 ounces
Item Model Number	6941565989529
Batteries	1 Lithium Ion batteries required (included)
Photo Sensor Technology	CMOS
Video Capture Resolution	4K
Maximum Focal Length	24 Millimeters

Feature	Detail
Maximum Aperture	2.8 f
Flash Memory Type	Internal flash memory, SD/SDHC/SDXC
Video Capture Format	MP4
Supported Audio Format	48 kHz 16-bit; AAC
Screen Size	2.5 Inches
Connectivity Technology	Bluetooth, Wi-Fi
Manufacturer	DJI
Date First Available	September 19, 2024

What's in the Box



* The extension rod length has a tolerance, with an acceptable deviation range of $\pm 5\%$ (± 7.5 cm).

Figure 12: Detailed comparison of Osmo Action 5 Pro specifications.

WHAT'S IN THE BOX

The DJI Osmo Action 5 Pro Adventure Combo includes the following items:

- Osmo Action 5 Pro x1
- Osmo Action Extreme Battery Plus (1950 mAh) x3
- Osmo Action Horizontal-Vertical Protective Frame x1
- Osmo Action Quick-Release Adapter Mount x1
- Osmo Action Quick-Release Adapter Mount (Mini) x1
- Osmo Action Curved Adhesive Base x1
- Osmo Locking Screw x2
- Type-C to Type-C PD Cable x1
- Osmo Action Multifunctional Battery Case 2 x1
- Osmo 1.5m Extension Rod x1
- Osmo Action 5 Pro Rubber Lens Protector x1
- Osmo Action 5 Pro Glass Lens Cover x1
- Osmo Action Anti-Slip Pad x1

Features for All-Scene Creativity



Figure 13: All items included in the Adventure Combo.

WARRANTY AND SUPPORT

For warranty information, technical support, and the latest software updates, please visit the official DJI website. You can also find additional resources and FAQs there.

For the latest version of the DJI Mimo app, which is essential for product usage, please log in to the [DJI official website](#) to download it directly.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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