

DJI Osmo Action 3

DJI Osmo Action 3 Adventure Combo User Manual

Comprehensive guide for setup, operation, maintenance, and troubleshooting.

WHAT'S IN THE BOX

The DJI Osmo Action 3 Adventure Combo includes the following items:

- Osmo Action 3 ×1
- Osmo Action Extreme Battery ×3
- Osmo Action 3 Horizontal-Vertical Protective Frame ×1
- Osmo Action 3 Rubber Lens Protector ×2
- Osmo Action Quick-Release Adapter Mount ×2
- Osmo Flat Adhesive Base ×1
- Osmo Locking Screw ×2
- Type-C to Type-C PD Cable ×1
- Osmo Action Multifunctional Battery Case ×1
- Osmo 1.5m Extension Rod ×1
- DJI Logo Sticker ×2
- Quick Start Guide ×1
- Disclaimer ×1
- Warranty Card ×1



Osmo Action 3



Osmo 1.5m
Extension Rod



Osmo Action 3 Extreme
Battery x 3



Osmo Action 3 Rubber
Lens Protector x2



Osmo Action 3 Horizontal-Vertical
Protective Frame



Type-C to Type-C
PD Cable



Osmo Action 3
Quick-Release
Adapter Mount x2



Osmo Action 3 Multifunctional
Battery Case



Osmo Flat
Adhesive Base



Osmo Locking
Screw x2

OSMO ACTION 3 Adventure Combo

Image: All components included in the DJI Osmo Action 3 Adventure Combo package.

KEY FEATURES

The DJI Osmo Action 3 Adventure Combo offers advanced features for capturing high-quality action footage:

- **4K HDR Video with 10-Bit Color Depth:** Records vivid and natural details, even in high-contrast environments, capturing over one billion colors.
- **HorizonSteady Stabilization:** Ensures smooth and level footage, ideal for dynamic activities like skiing, skydiving, or biking.
- **Cold Resistant & Long-Lasting Battery:** Offers up to 160 minutes of battery life, with continuous recording for 150 minutes in temperatures as low as -20°C (-4°F).
- **Easy Vertical Mounting:** Features an innovative quick-release design for secure and rapid vertical mounting on various gear.

- **Enhanced Waterproof Capability:** The camera body is waterproof down to 16 meters (52 feet) without additional accessories, suitable for deep underwater use.
- **Front and Back Touchscreens:** Dual touchscreens with hydrophobic coating allow for easy vlogging, selfies, parameter adjustments, and clear playback, even with wet hands.

Enhanced Waterproof Capability

The camera body is tough, fully optimized, and waterproof. You can use it down to 16 meters¹⁵ without the need for any additional accessories.



16m (52 ft) Waterproof



Image: A snowboarder on a snowy mountain, illustrating the HorizonSteady stabilization feature.

160 mins
Long-Lasting

-20°C
Cold Resistant



Image: Two DJI Osmo Action 3 cameras partially covered in snow, highlighting their cold resistance and long-lasting battery.



Image: A person using the DJI Osmo Action 3 underwater, demonstrating its enhanced waterproof capability.

Video: Official DJI video showcasing the creative features of the Osmo Action 3, including stabilization and versatile shooting modes.

SETUP

Initial Activation

Upon first use, the Osmo Action 3 allows five skips of the activation process for immediate product experience. After these skips are used, the camera must be connected to the DJI Mimo app for full activation. Ensure your mobile device is compatible with the DJI Mimo app. If you encounter compatibility issues, please download the latest version of DJI Mimo from the official DJI website, as it may not be available on Google Play due to platform compatibility.

MicroSD Card Insertion

The DJI Osmo Action 3 does not include onboard storage. A microSD card is required for recording. Insert a compatible microSD card into the designated slot before use. It is recommended to use a high-speed microSD card (e.g., SanDisk Extreme PRO) for optimal 4K video recording performance. After insertion, format the microSD card via the camera's settings menu.

Video: A detailed guide on how to install and manage an SD card with a DJI action camera, including formatting and transferring files.

Battery Installation and Charging

Insert the Osmo Action Extreme Battery into the camera or the multifunctional battery case. The battery case can charge up to three batteries simultaneously. Ensure batteries are fully charged before extended use. The camera supports fast charging.

Protective Frame and Mounts

Attach the Osmo Action 3 Horizontal-Vertical Protective Frame to the camera. This frame allows for quick-release mounting in both horizontal and vertical orientations. Utilize the Osmo Action Quick-Release Adapter Mounts and Osmo Flat Adhesive Base for secure attachment to various surfaces and gear.

OPERATING

Basic Operation

The Osmo Action 3 features dual touchscreens for intuitive control. The front screen is ideal for vlogging and selfies, while the rear screen provides full access to settings and playback. The camera powers on quickly and can begin recording almost instantly by pressing the record button.



Image: The DJI Osmo Action 3 camera showcasing its dual screens, highlighting ease of use for various shooting angles.

Video Recording

Record 4K HDR video with 10-bit color depth for high-quality footage. The 120fps high frame rate is available for 1080p, 2.7K 16:9, and 4K 16:9 video specifications. Utilize HorizonSteady for stable and level shots during dynamic movements. For long-duration underwater shooting or in high-pressure environments, it is recommended to use a waterproof case, although the camera itself is waterproof down to 16 meters.

4K/120fps Super-Wide FOV



Image: A visual representation of the 4K/120fps Super-Wide FOV capability of the DJI Osmo Action 3.

Audio Recording

The camera supports 48 kHz AAC audio. For enhanced audio quality, external microphones can be seamlessly linked. DJI Mic accessories are designed for direct compatibility without additional mods.

Video: Official DJI video demonstrating the creative features of the Osmo Action 3, including its audio capabilities and versatile mounting options.

MAINTENANCE

General Care

To prevent damage, avoid striking, crushing, or dropping the product. Before use, ensure the battery compartment cover and the USB-C port cover are securely closed, and the Lens Protective Cover is tightened. Do not use the camera in hot springs or expose it to corrosive liquids.

Battery Longevity

While the Osmo Action 3 batteries offer extended life, continuous recording of high-resolution, high-frame-rate footage can lead to overheating. In such cases, the device may automatically shut down. Allow the camera to cool down to resume normal operation. For optimal battery performance, especially in extreme heat, consider using lower frame rates or resolutions.

TROUBLESHOOTING

Overheating Issues

The DJI Osmo Action 3 may overheat during prolonged recording of high-resolution (e.g., 4K) and high-frame-rate (e.g., 120fps) video, especially in direct sunlight or high ambient temperatures. If overheating occurs, the camera will automatically stop recording to prevent damage. Allow the camera to cool down before resuming use. Using the camera underwater can provide additional cooling and extend recording times.

Video: A test demonstrating the DJI Nano's firmware update and its impact on overheating, providing insights into thermal management.

App Compatibility

Some mobile devices may experience compatibility issues with the DJI Mimo app. If you are unable to install or use the app, please visit the official DJI website to download the latest version directly. This can resolve issues related to platform compatibility or outdated app versions.

SPECIFICATIONS

Product Dimensions	2.76 x 1.73 x 1.3 inches
Item Weight	5.1 ounces
Item Model Number	Osmo Action 3
Batteries	3 CR5 batteries required (included)
Manufacturer	DJI
Photo Sensor Technology	CMOS
Video Capture Resolution	4K
Maximum Focal Length	24 Millimeters
Maximum Aperture	2.8 f
Flash Memory Type	Micro SD
Video Capture Format	MP4
Supported Audio Format	48 kHz; AAC
Connectivity Technology	Bluetooth, Wi-Fi
Color	Black

WARRANTY AND SUPPORT

For warranty information and product support, please refer to the Warranty Card included in your package. You can also visit the official DJI website for comprehensive support resources, FAQs, and contact information.

Official DJI Support: www.dji.com/support

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question