DJI 6941565965073

DJI Osmo Action 4 Standard Combo User Manual

Model: 6941565965073

Introduction

The DJI Osmo Action 4 is a versatile 4K action camera designed for capturing high-quality footage in various environments. It features a large 1/1.3-inch sensor for stunning low-light imaging, 10-bit & D-Log M color performance for vivid colors, and robust waterproofing. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Osmo Action 4 camera.



Figure 1: Front view of the DJI Osmo Action 4 camera, highlighting its compact design and dual screens.

What's in the Box

The Standard Combo package for the DJI Osmo Action 4 includes the following components:

- Osmo Action 4 Camera x1
- Osmo Action Extreme Battery x1
- Osmo Action Horizontal-Vertical Protective Frame x1
- Osmo Action Quick-Release Adapter Mount x1
- Osmo Action Curved Adhesive Base x1
- Osmo Locking Screw x1
- Type-C to Type-C PD Cable x1
- Osmo Action Lens Hood x1
- Osmo Action Anti-Slip Pad x1
- DJI Logo Sticker x1

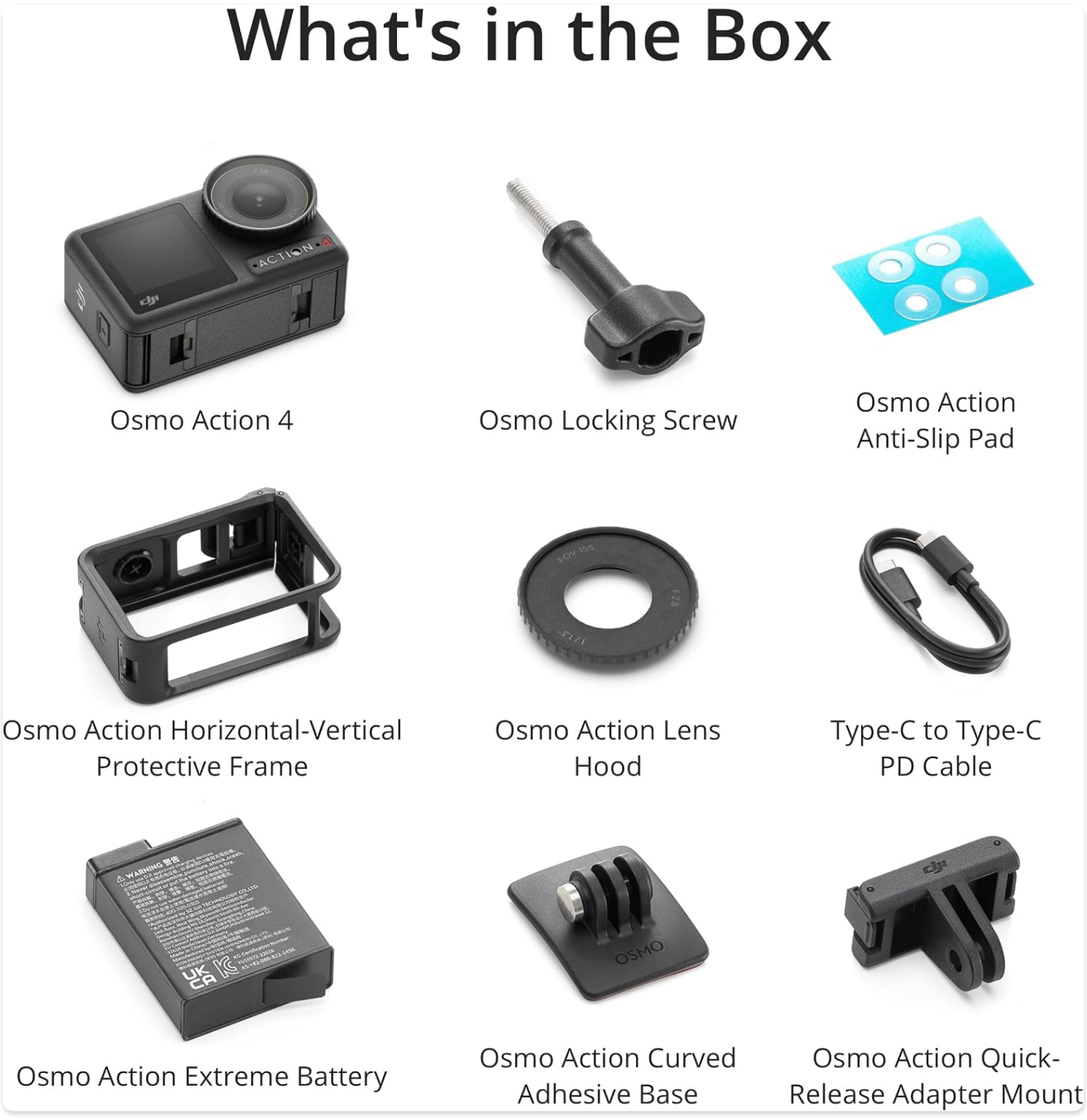


Figure 2: All components included in the DJI Osmo Action 4 Standard Combo package.

Setup

1. **Charging the Battery:** Insert the Osmo Action Extreme Battery into the camera or a compatible charger. Connect the Type-C to Type-C PD Cable to a power source. The camera supports fast charging, reaching 80% in approximately 18 minutes.
2. **Inserting a Micro SD Card:** Locate the Micro SD card slot on the side of the camera. Insert a compatible Micro SD card (not included) with the contacts facing down until it clicks into place.
3. **Attaching the Protective Frame:** For enhanced protection and mounting versatility, attach the Osmo Action Horizontal-Vertical Protective Frame around the camera. This frame is required for vertical shooting.
4. **Mounting the Camera:** Use the Osmo Action Quick-Release Adapter Mount and Osmo Locking Screw to attach the camera to various accessories, such as the Osmo Action Curved Adhesive Base for helmet or flat surface mounting. The magnetic quick-release design allows for rapid attachment and detachment.
5. **Initial Activation:** The DJI Osmo Action 4 requires activation via the DJI Mimo app for full functionality. Download the latest version of the DJI Mimo app from the DJI official website. Follow the in-app instructions to connect and activate your camera.



Figure 3: Demonstrates the magnetic quick release feature for easy mounting and switching between horizontal and vertical orientations.

Operating the Camera

Basic Operation

- **Power On/Off:** Press and hold the Power button to turn the camera on or off.
- **Recording:** Press the Shutter/Record button to start or stop recording.
- **Mode Switching:** Use the Mode button to cycle through different shooting modes (e.g., Video, Photo, Slow Motion, Timelapse).
- **Touchscreens:** The Osmo Action 4 features dual full-color touchscreens (1.4 inches front, 2.25 inches rear) for easy control and playback. Swipe and tap to navigate menus and adjust settings.

Key Features

The Osmo Action 4 offers several advanced features to enhance your recording experience:

- **4K/120fps Video:** Capture high-resolution, smooth video. The 155° ultra-wide FOV provides an immersive perspective.
- **RockSteady 3.0 Stabilization:** Provides fluid stabilization for dynamic footage, even when shooting at 4K/120fps.
- **360° HorizonSteady:** Maintains a level horizon regardless of camera movement, correcting horizontal tilts at any angle.
- **10-bit & D-Log M Color Performance:** Offers a wider dynamic range and more color information for post-production flexibility, resulting in vivid, true-to-life colors.
- **Low-Light Imaging:** The large 1/1.3-inch sensor excels in low-light conditions, capturing clear and detailed images.
- **Pre-Rec:** This feature allows the camera to save footage 5/10/15/30/60 seconds before you press the record button, ensuring you don't miss unexpected moments.
- **Highlight:** Mark important clips during recording or playback for quick retrieval and easier editing later.
- **DJI OsmoAudio:** Direct connection to DJI Mic 2/Mic Mini transmitters (sold separately) for premium audio quality.



Figure 4: The Osmo Action 4 mounted on a bike, demonstrating its capability to capture high-quality 4K/120fps video during action sports.



Figure 5: Illustrates the DJI OsmoAudio feature, allowing direct connection to a DJI Mic for enhanced sound recording.

Maintenance

- **Cleaning:** Use a soft, lint-free cloth to clean the camera body and screens. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials.
- **Waterproofing:** Before any underwater use, ensure the battery cover, USB-C port cover, and Glass Lens Cover are securely closed and tightened. For prolonged underwater use or high water pressure environments, it is recommended to use the optional Waterproof Case. The Osmo Action 4 is IP68 waterproof rated up to 18 meters without a case.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods.
- **Firmware Updates:** Regularly check for and install firmware updates via the DJI Mimo app to ensure optimal performance and access to new features.

Troubleshooting

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or not inserted correctly.	Charge the battery fully. Ensure the battery is inserted correctly.
Cannot connect to DJI Mimo app.	Bluetooth/Wi-Fi is off, or app is outdated.	Ensure Bluetooth and Wi-Fi are enabled on your device and camera. Download the latest DJI Mimo app from the DJI official website. Restart both devices.
Poor image quality in low light.	Incorrect settings or extreme low light conditions.	Ensure the camera is in a suitable mode for low light. Adjust ISO settings if in Pro mode.
Camera overheating.	Prolonged recording in high temperatures or high-resolution modes.	Stop recording and allow the camera to cool down. Reduce resolution or frame rate if possible.
Footage is shaky despite stabilization.	Extreme vibrations or stabilization mode not active.	Ensure RockSteady or HorizonSteady is enabled. For very extreme conditions, consider additional external stabilization.

For more detailed troubleshooting, refer to the officialTroubleshooting Guide (PDF).

Specifications

Feature	Detail
Product Dimensions	2.76 x 1.73 x 1.3 inches
Item Weight	5.1 ounces
Item Model Number	6941565965073
Batteries	1 Lithium Polymer battery (included)
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 16-bit; AAC
Screen Size	2.25 Inches (rear)

Feature	Detail
Connectivity Technology	Bluetooth, Wi-Fi
Waterproof Rating	IP68 (up to 18m without case)
Operating Temperature	-20° C (-4° F) to 45° C (113° F)

Warranty and Support

For detailed warranty information, please refer to the officialWarranty (PDF) document.
Additional resources and support can be found in the following documents:

- User Manual (PDF)
- Safety Information (PDF)
- Troubleshooting Guide (PDF)

For further assistance, visit the official DJI support website or contact their customer service.

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