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DJI OT110

DJI Osmo Pocket User Manual

Model: OT110

Introduction

The DJI Osmo Pocket is a compact and intelligent handheld 3-axis gimbal stabilizer with an integrated camera, designed to capture cinematic memories with ease. Its small size and powerful features make it ideal for various content creation needs, including vlogging and streaming.
Key features include:

- **Lightweight and Portable:** Smallest 3-axis stabilized handheld camera designed by DJI.
- **Powerful Performance:** Captures 12 MP photos and 4K/60fps video at 100Mbps with a 1/2.3-inch sensor.
- **Creative Functions:** Includes ActiveTrack, FaceTrack, Timelapse, Motionlapse, Pano, NightShot, and Story Mode.
- **Smartphone Connectivity:** Connects to your phone for enhanced control and features via the DJI Mimo App.

Product Overview



The DJI Osmo Pocket, a compact 3-axis stabilized camera.



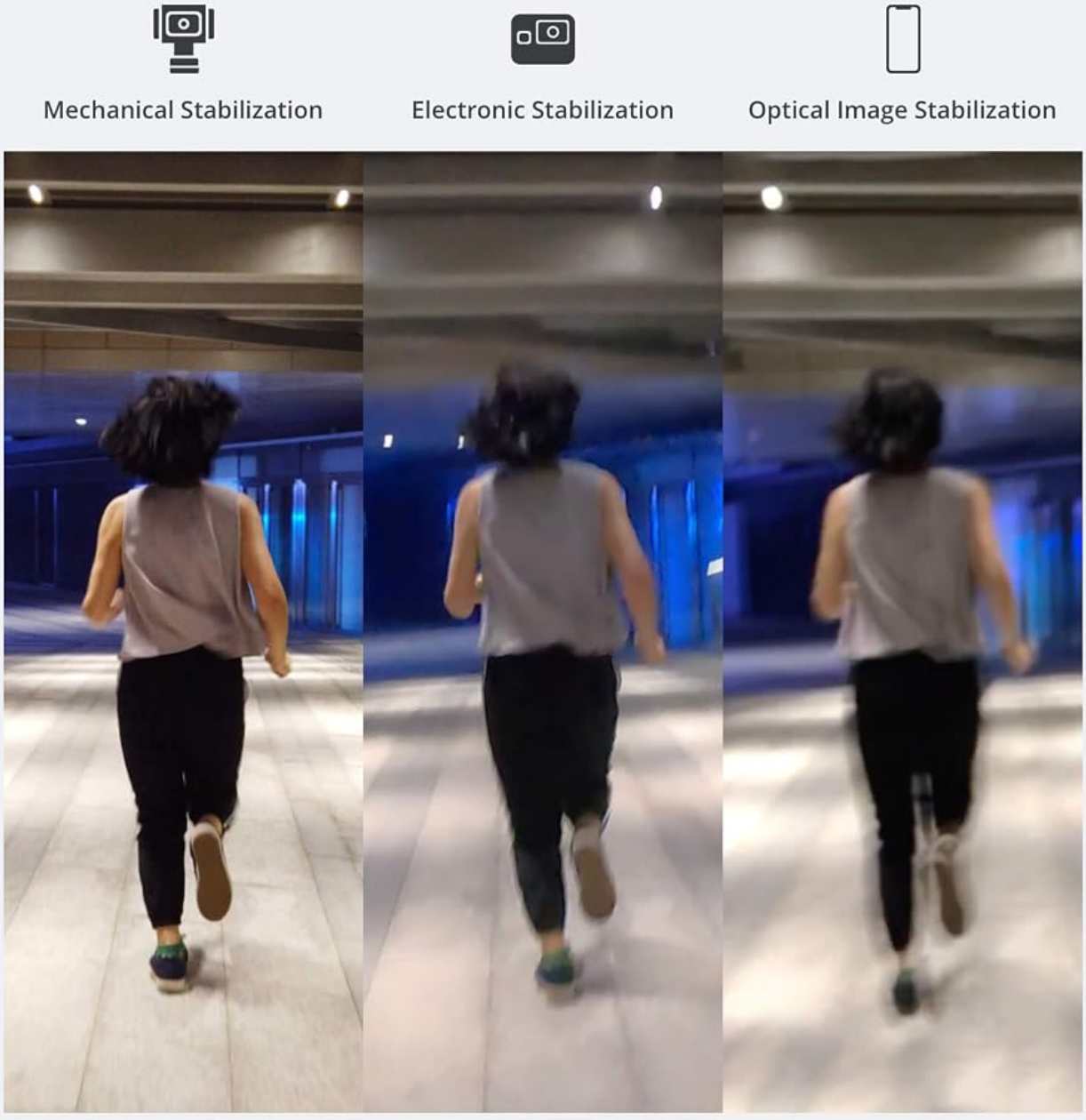
Dimensions of the Osmo Pocket: 121.9 mm height, 28.6 mm width, 36.9 mm depth, and a weight of 116g.



The Osmo Pocket features a 3-axis mechanical gimbal for precise stabilization with a control accuracy of 10.0050.

Incredibly Small, Truly Smooth

Osmo Pocket uses DJI's smallest 3-axis mechanical handheld gimbal. In real time, it precisely adjusts for your movements, turning your handheld video of a golden sunset or your child's first steps into a movie-like scene.



Visual comparison demonstrating the superior mechanical stabilization of the Osmo Pocket compared to electronic and optical image

stabilization.

Setup

What's in the Box

- DJI Osmo Pocket 4K Action Camera
- Charging cable
- USB Type-C port connector
- Lightning port connector
- Simple carry box

Initial Setup and Activation

Upon first use, the DJI Osmo Pocket requires activation via the DJI Mimo app. Ensure your smartphone has either a USB-C or Lightning port for connection. The app is compatible with iOS 10.0, Android 7.0, or above.

1. Download and install the DJI Mimo app on your compatible smartphone.
2. Connect the Osmo Pocket to your smartphone using the appropriate connector (USB-C or Lightning).
3. Follow the on-screen prompts within the DJI Mimo app to activate your device. This process may include creating a DJI profile and downloading the latest firmware.
4. Once activated, the Osmo Pocket can be used independently or connected to your smartphone for extended control.

Inserting a MicroSD Card

The Osmo Pocket requires a MicroSD card for storing photos and videos. It is recommended to use a Class 10 or UHS-I Speed Grade 3 rating MicroSD card for optimal performance, especially when recording 4K video.

- Locate the MicroSD card slot on the side of the Osmo Pocket.
- Insert the MicroSD card with the gold contacts facing down until it clicks into place.
- To remove, gently push the card in until it springs out.

Operating Instructions

Basic Controls

The Osmo Pocket features a minimal button layout and a responsive touchscreen for intuitive control.

- **Power/Mode Button:** Located on the left side. Press and hold to power on/off. Short press to switch between video and photo modes.
- **Shutter/Record Button:** Located on the right side. Short press to take a photo or start/stop video recording.
- **Touchscreen:** Swipe up, down, left, or right to access various settings, modes, and playback options.

Gimbal Modes

The 3-axis gimbal offers different stabilization modes to suit your shooting needs:

- **Follow Mode:** The camera smoothly follows your pan and tilt movements.
- **Tilt Locked Mode:** The camera's tilt axis is locked, maintaining a horizontal perspective while allowing pan movements.
- **First Person View (FPV) Mode:** The camera follows all your movements, providing a dynamic, immersive perspective.

Creative Shooting Functions

Utilize the DJI Mimo app or the device's touchscreen to access advanced shooting modes:

- **ActiveTrack:** Select a subject on the screen, and the Osmo Pocket will automatically track it.
- **FaceTrack:** Automatically tracks faces for perfect selfies and vlogs.
- **Timelapse:** Captures a series of photos over time and stitches them into a sped-up video.
- **Motionlapse:** Adds camera movement to a timelapse for a more dynamic effect.
- **Pano (Panorama):** Captures wide-angle or 3x3 panoramic photos.
- **NightShot:** Optimized for low-light photography.
- **Story Mode:** Pre-set templates for creating short, shareable videos with music and effects.



The DJI Osmo Pocket can be connected to a smartphone for enhanced control and viewing, ideal for vlogging and sharing content.

Maintenance

Cleaning

- Use a soft, dry cloth to clean the body of the Osmo Pocket.
- For the lens and screen, use a microfiber cleaning cloth specifically designed for optics.
- Avoid using liquid cleaners or solvents directly on the device.

Storage

- Store the Osmo Pocket in its protective case when not in use to prevent damage to the gimbal.
- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.

Battery Care

- Charge the battery fully before first use.
- For long-term storage, charge the battery to approximately 50-60% to maintain battery health.
- Avoid completely draining the battery frequently.

Troubleshooting

Common Issues and Solutions

- **Device Not Activating:** Ensure your smartphone is compatible and the DJI Mimo app is updated. Try connecting to a different compatible smartphone if issues persist.
- **Gimbal Malfunction/Unusual Movement:** Power off the device, then power it back on. If the issue continues, perform gimbal calibration via the DJI Mimo app.
- **Poor Video Quality/Freezing:** Ensure you are using a high-speed MicroSD card (Class 10 or UHS-I Speed Grade 3). Format the MicroSD card within the device settings.
- **Short Battery Life:** Ensure the device is fully charged. Operating in extreme temperatures or continuously recording 4K video can reduce battery life.
- **Connectivity Issues with Smartphone:** Verify the physical connection is secure. Ensure the DJI Mimo app is the latest version.

Firmware Updates

Regularly check for and install firmware updates via the DJI Mimo app. Firmware updates often include performance improvements, bug fixes, and new features.

Specifications

Feature	Specification
Product Dimensions	1.45 x 1.13 x 4.76 inches
Item Weight	4.1 ounces
Item Model Number	OT110
Batteries	1 Lithium Polymer batteries required (included)
Photo Sensor Technology	CMOS
Video Capture Resolution	4K 60p
Maximum Focal Length	1.00
Maximum Aperture	2 f
Flash Memory Type	SD
Video Capture Format	AVI
Screen Size	1 Inches
Connectivity Technology	Wi-Fi
Color	Black
Operating Temperature	00 - 400 Celsius (320 - 1040 Fahrenheit)

Warranty and Support

Warranty Information

For detailed warranty information, please refer to the official DJI website or the warranty card included with your product. Warranty terms and conditions may vary by region.

Customer Support

If you encounter any issues or have questions not covered in this manual, please contact DJI customer support through their official website. You can also find additional resources, FAQs, and software downloads on the DJI Osmo Pocket product page. Additional user guides and safety information can be found:

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

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