

[Manuals.plus](#) /

› [DJI](#) /

› DJI Osmo Mobile 7 Gimbal Stabilizer for iPhone, Android, Built-in Tripod, Ultra-Light, Comfortable Grip, 3-Axis Phone Gimbal, ActiveTrack 7.0, ShotGuides, One-Tap Edit, 10hrs Use, Phone Charging User Manual

**DJI 6941565997586**

# DJI Osmo Mobile 7 Gimbal Stabilizer User Manual

Model: 6941565997586

## INTRODUCTION

The DJI Osmo Mobile 7 is a lightweight and portable 3-axis gimbal stabilizer designed to help users capture smooth, cinematic-quality footage with their smartphones. Featuring DJI's 7th-generation stabilization technology and intelligent functions like ActiveTrack 7.0, it simplifies the process of creating professional-looking videos.



Image: The DJI Osmo Mobile 7 Gimbal Stabilizer with a smartphone attached, showcasing its compact design and the magnetic phone clamp. A storage pouch and charging cable are also visible.

## What's in the Box

The DJI Osmo Mobile 7 package includes the following components:

- Osmo Mobile 7 x1
- DJI OM Magnetic Phone Clamp 4 x1
- Power Cable (USB-C to USB-C, 50 cm) x1
- Storage Pouch x1

## What's in the Box



Osmo Mobile 7



Storage Pouch



Power Cable (USB-C to USB-C, 50 cm)



DJI OM Magnetic Phone Clamp 4

Image: A clear layout of all items included in the DJI Osmo Mobile 7 retail package.

## SETUP

### Unfolding and Powering On

To begin, unfold the gimbal. The DJI Osmo Mobile 7 features a quick unfold design. Once unfolded, attach your smartphone using the magnetic phone clamp. The Mimo app should automatically pop up for quick filming.

# Quick Unfold, Quick Launch

Unfold the gimbal, mount a paired smartphone, and the Mimo app will pop up <sup>[2]</sup> for quick filming.



Image: A user demonstrating the quick unfold and launch process of the DJI Osmo Mobile 7.

## DJI Mimo App Installation

For optimal performance and access to all features, download the DJI Mimo app. Please note: Due to platform compatibility issues, the DJI Mimo app has been removed from Google Play. For a better product experience, please visit the official DJI website to download the latest version of DJI Mimo.

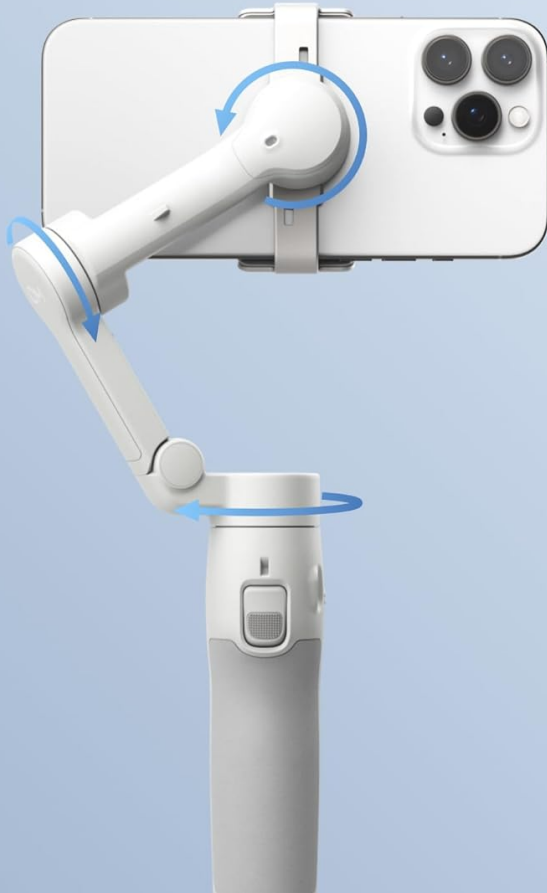
## OPERATING THE GIMBAL

### 3-Axis Gimbal Stabilization

The Osmo Mobile 7 provides robust 3-axis gimbal stabilization, ensuring smooth and steady footage even during dynamic movements. This technology minimizes shakes and jitters, allowing for professional-grade video capture.

# Powerful 3-Axis Gimbal Stabilization

Utilizes DJI's seventh-generation stabilization technology to ensure steady footage.



With Osmo Mobile 7



Without Osmo Mobile 7

Image: A visual comparison demonstrating the superior stability achieved with the Osmo Mobile 7 versus handheld recording.

## ActiveTrack 7.0

ActiveTrack 7.0 is an advanced tracking system that keeps your subject in focus and centered in the frame. It offers:

- **Smarter Tracking:** Automatically identifies and follows subjects with improved precision.
- **Follow Made Simple:** Tap on a subject in the DJI Mimo app to initiate tracking.
- **Never Miss a Beat:** Maintains continuous tracking even if the subject is momentarily obscured or moving rapidly.



# ActiveTrack 7.0 <sup>[1]</sup>: Smarter Than Ever



Subject Tracking



Smart Capture



Smooth Tracking

Image: Screenshots illustrating the various tracking capabilities of ActiveTrack 7.0.

## Gesture Control

The DJI Mimo app supports remote gesture control. Simply perform a specific hand gesture to snap a picture or start/stop video recording, making solo shooting more convenient.

### Notes

1. ActiveTrack 7.0 is only available within the DJI Mimo app.
2. Auto pop-ups in the DJI Mimo app are only supported on iPhone and may vary based on actual conditions. For first-time use, complete device pairing, enable Quick Launch in the app, and follow the instructions to complete authorization.
3. Currently supports Apple Watch only. For compatible Apple Watch models and detailed app usage instructions, refer to the official DJI website.
4. The weight of Osmo Mobile 7 includes the gimbal, built-in tripod, and magnetic phone clamp.
5. The built-in tripod is suitable for stable, level surfaces in windless environments.
6. Measured with the gimbal balanced in a level and stationary state without additional accessories.
7. Sold separately.
8. Only supports iPhone 12 and later models; compatible with Apple's official iPhone cases with MagSafe, allowing for easy use without removing the case.
9. For more information, check the smartphone compatibility list on this page.

Image: An example of using hand gestures to control the gimbal for capturing photos or videos.

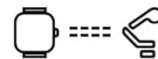
## Remote Control with Apple Watch

Install the DJI Mimo app on your Apple Watch to turn it into a smart remote for the gimbal, enabling more flexible framing and composing from a distance.

# Effortless Control, Flexible Framing



Capture With  
a Gesture



Remote Control  
With Watch <sup>[3]</sup>

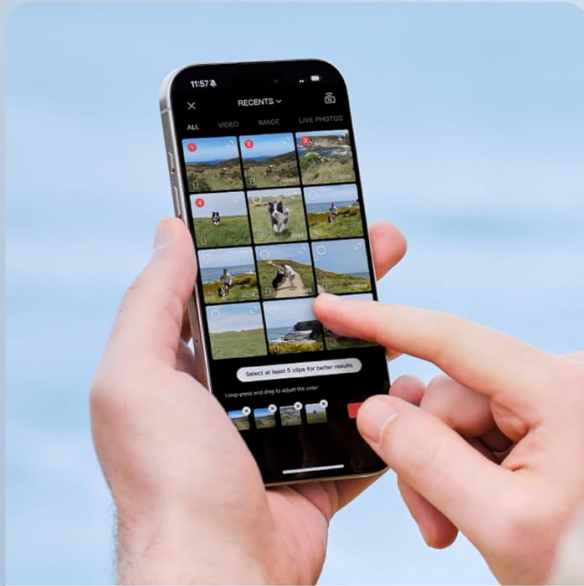
Image: A user interacting with an Apple Watch to control the DJI Osmo Mobile 7, showcasing remote operation.

## One-Tap Editing & ShotGuides

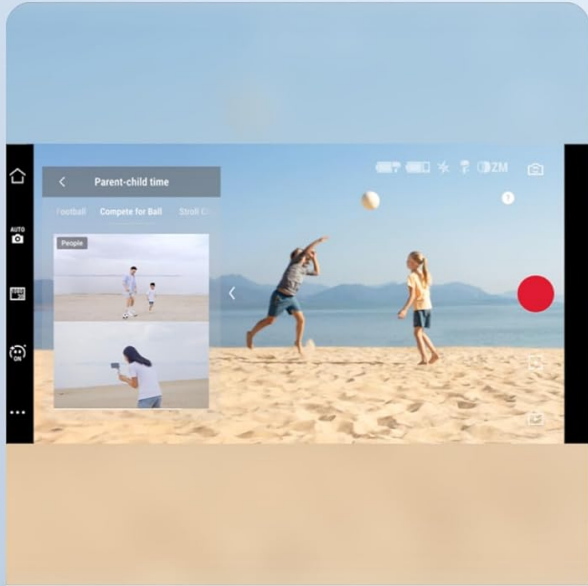
Pair your Osmo Mobile 7 with DJI Mimo to access ShotGuides and One-Tap Edit features. These tools help you film and edit like a professional, saving time and enhancing your creative storytelling instantly.

# Capture Like a Pro From Day One

From shooting to processing, the Mimo app is a one-stop solution truly friendly for new creators.



One-Tap Editing



ShotGuides

Image: Visual representation of the One-Tap Editing and ShotGuides functionalities within the DJI Mimo app.

## Built-in Tripod and Phone Charging

The Osmo Mobile 7 features an integrated foldable design with a built-in tripod, making solo creation effortless. It also offers a maximum operating time of 10 hours and can charge your phone via USB-C, ideal for extended filming sessions.



# Carry Less, Capture More



Only 300 g <sup>[4]</sup>



Built-in Tripod <sup>[5]</sup>



Phone Charging

Image: The DJI Osmo Mobile 7 showcasing its built-in tripod and the ability to charge a connected smartphone.

## Dual-Lens Enhanced Tracking

The two lenses on your phone work together for smarter, steadier tracking. Your subject can move more freely, and even fast, close-up action stays in sharp focus.

## MAINTENANCE

To ensure the longevity and optimal performance of your DJI Osmo Mobile 7, follow these general maintenance guidelines:

- Keep the gimbal clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Store the gimbal in its provided storage pouch when not in use to protect it from scratches and impacts.
- Ensure the magnetic phone clamp and gimbal contact points are clean to maintain a secure connection.
- Regularly check for firmware updates via the DJI Mimo app to benefit from performance improvements

and new features.

## TROUBLESHOOTING

### Which smartphones are compatible?

The Osmo Mobile 7 Series is compatible with most smartphones on the market. It is recommended to use smartphones with a width of 67-84 mm, thickness of 6.9-10 mm, and weight of 170-300 g. Please visit the official DJI website for the full smartphone compatibility list.

### What should I do if the camera view is tilted after the gimbal is powered on?

1. Check if the magnetic phone clamp is correctly aligned with the gimbal's magnetic attachment area.
2. Check if the magnetic phone clamp is attached approximately to the middle of the smartphone.
3. If the issue still exists, perform gimbal auto-calibration and horizontal gimbal adjustment in the DJI Mimo app.

### Does the gimbal require balancing before use?

No. Due to its powerful motors, accurate balancing is not needed for the Osmo Mobile 7 Series. When using the magnetic phone clamp, simply attach it approximately to the middle of the smartphone.

### Which Apple Watch and iPhone models are compatible with the DJI Mimo app?

Apple Watch models: Apple Watch Series 7/8/9/10, Apple Watch SE 2, Apple Watch Ultra 1/2, with an operating system of watchOS 9 or later. There are no restrictions on iPhone models, but the operating system must be iOS 16 or later. Remote control with a watch is only applicable to the Osmo Mobile 7 Series, Osmo Mobile 6, and Osmo Mobile SE.

### Does the gimbal support charging while in use?

Yes.

## SPECIFICATIONS

| Feature                       | Detail                     |
|-------------------------------|----------------------------|
| Product Dimensions            | 10.94 x 4.21 x 3.66 inches |
| Item Weight                   | 0.705 ounces (20 Grams)    |
| Item Model Number             | 6941565997586              |
| Brand                         | DJI                        |
| Color                         | Grey                       |
| Compatible Devices            | iPhone, Cellphone          |
| Maximum Weight Recommendation | 300 Grams                  |

|                   |       |
|-------------------|-------|
| Manufacturer      | DJI   |
| Country of Origin | China |

Mobile Phone Compatibility List

Mobile Phone Compatibility List

| Model**                                         | Supported Cameras                                | Zoom Ratio | Max. Video Resolution  |
|-------------------------------------------------|--------------------------------------------------|------------|------------------------|
| iPhone 11-16 Pro/Pro Max                        | Ultra wide camera, wide camera, telephoto camera | 0.5x~8x    | 1080p@60fps, 4K@60fps  |
| iPhone 11-16/Plus                               | Ultra wide camera, wide camera                   |            |                        |
| Samsung Galaxy S24 Ultra/S23+/S23 Ultra         | Main camera, wide camera, telephoto camera       | 0.6x~10x   | 1080p@60fps, 4K@60fps* |
| Samsung Galaxy S24/S24+/S22/S22+/S22 Ultra      | Main camera, wide camera, telephoto camera*      |            |                        |
| Samsung Galaxy S21/S21 Ultra/S20/S20+/S20 Ultra | Main camera, wide camera                         | 0.6x~8x    | 1080p@30fps, 4K@30fps  |
| Google Pixel 9 Pro XL/8 Pro/7 Pro               | Main camera, telephoto camera                    | 1x~30x     | 1080p@60fps, 4K@60fps  |
| Google Pixel 9/8                                | Main camera                                      | 1x~8x      |                        |
| OnePlus 13                                      | Main camera, wide camera, telephoto camera       | 0.7x~29.3x |                        |

\* Mobile phones with Qualcomm chips are only supported.  
\*\* Please visit the official DJI website for the full smartphone compatibility list.

Image: A detailed table outlining smartphone compatibility, supported camera features, zoom ratios, and maximum video resolutions for various phone models with the DJI Osmo Mobile 7.

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and the most up-to-date product resources, please visit the official DJI website. The website provides comprehensive guides, FAQs, and contact options for customer service.

Visit Official DJI Website

