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## DJI Osmo Mobile 7P

# DJI Osmo Mobile 7P Gimbal User Manual

Model: Osmo Mobile 7P

## INTRODUCTION

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The DJI Osmo Mobile 7P is an advanced intelligent tracking phone gimbal designed to help you capture smooth, professional-quality video with your smartphone. Its lightweight and portable design, combined with robust 3-axis stabilization and intelligent features like ActiveTrack 7.0, make it an ideal tool for content creators, travelers, and anyone looking to enhance their mobile videography.

This manual provides essential information on setting up, operating, maintaining, and troubleshooting your Osmo Mobile 7P gimbal to ensure optimal performance and longevity.



Image: The DJI Osmo Mobile 7P Gimbal with its included custom fit carrying bag.

## PACKAGE CONTENTS

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Before you begin, please verify that all items are present in your package:

# What's In The Box



Image: A visual representation of the items included in the DJI Osmo Mobile 7P package.

- Osmo Mobile 7P Gimbal
- DJI OM Multifunctional Module
- DJI OM 7 Series Magnetic Phone Clamp
- Power Cable (USB-C to USB-C, 50 cm)
- Phone Charging/Audio Recording Cable (USB-C to USB-C, 15 cm)
- Storage Pouch
- Lightweight Custom Fit Carrying Bag

## SETUP

### 1. Charging the Gimbal

Before first use, fully charge the Osmo Mobile 7P using the provided USB-C power cable and a compatible USB power adapter (not included). The charging indicator lights will show the charging status.

### 2. Unfolding and Mounting Your Phone

1. Unfold the gimbal. The gimbal will power on automatically once unfolded.
2. Attach the Magnetic Phone Clamp to your smartphone, ensuring it is centered.
3. Align the Magnetic Phone Clamp with the magnetic mount on the gimbal and attach it securely.

# Quick Unfold, Quick Launch

Unfold the gimbal, mount a paired smartphone, and the Mimo app will pop up <sup>[3]</sup> for quick filming.



Image: Demonstrates the quick unfold and launch process of the Osmo Mobile 7P, where the gimbal powers on upon unfolding and is ready for phone attachment.

### 3. Installing the DJI Mimo App

For full functionality and advanced features, download and install the DJI Mimo app from your smartphone's app store. The app will automatically pop up for quick filming once a paired phone is mounted.

### 4. Initial Activation and Pairing

Follow the on-screen instructions in the DJI Mimo app to activate and pair your Osmo Mobile 7P with your smartphone. This process typically involves Bluetooth connection and firmware updates.

## OPERATING THE GIMBAL

### Power On/Off

To power on, unfold the gimbal. To power off, fold the gimbal. You can also press and hold the power button for a few

seconds to manually power on or off.

## Gimbal Controls

- **Joystick:** Controls the pan and tilt of the smartphone.
- **Shutter/Record Button:** Press once to take a photo or start/stop video recording.
- **M Button:** Switches between gimbal modes (e.g., Follow, Tilt Locked, FPV).
- **Trigger Button:** Press and hold for Lock mode, double-press to recenter the gimbal, triple-press to switch between front and rear cameras.

## 3-Axis Gimbal Stabilization

The Osmo Mobile 7P utilizes DJI's 7th-generation stabilization technology to ensure your footage remains smooth and shake-free, even during dynamic movements. The gimbal automatically compensates for unwanted camera movements across three axes: pan, tilt, and roll.

# Powerful 3-Axis Gimbal Stabilization

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



With Osmo Mobile 7P



Without Osmo Mobile 7P

Image: Illustrates the effectiveness of the 3-axis gimbal stabilization, showing a clear difference between footage captured with and without the Osmo Mobile 7P.

## Intelligent Tracking (ActiveTrack 7.0)

The new Multifunctional Module enables subject tracking without the DJI Mimo app. Simply show your palm to the module or press the trigger to effortlessly lock onto and follow moving subjects using your phone's native camera app, live streaming apps, or other camera apps.

# Intelligent Tracking & Versatile Functionality <sup>[1]</sup>



Native Camera App Tracking



Lighting



Audio Reception <sup>[2]</sup>



Image: Depicts the intelligent tracking capabilities and versatile functionality of the Osmo Mobile 7P, including native camera app tracking, lighting, and audio reception.

## Built-in Extension Rod and Tripod

The Osmo Mobile 7P features a built-in extension rod for capturing wider angles or selfies, and a built-in tripod for stable shots on flat surfaces. These integrated features eliminate the need for additional accessories, simplifying your setup and storage.

# All-In-One Design, Worry-Free Creation



Built-in Extension Rod



Built-in Tripod [4]



Phone Charging

Image: Highlights the all-in-one design of the Osmo Mobile 7P, showcasing its built-in extension rod, built-in tripod, and phone charging capability.

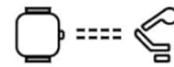
## Effortless Control and Framing

- **Gesture Control:** Use specific hand gestures to start recording or take photos remotely.
- **Remote Control with Watch:** Control the gimbal remotely using a compatible smartwatch for flexible framing.

# Effortless Control, Flexible Framing



Capture With  
a Gesture



Remote Control  
With Watch <sup>[5]</sup>

Image: Demonstrates the effortless control options, including capturing with a gesture and remote control via a smartwatch.

## DJI Mimo App Features

The DJI Mimo app offers a range of intelligent features to enhance your filming experience:

- **ShotGuides:** Provides smart scene insights and tutorials to guide you through various shooting scenarios.
- **One-Tap Editing:** Utilizes AI-powered tools and exclusive video templates for quick and easy video editing.

## MAINTENANCE

### Cleaning

Wipe the gimbal with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure no dust or debris enters the gimbal joints or ports.

### Storage

Store the Osmo Mobile 7P in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided

storage pouch or carrying bag for protection during transport.

## Battery Care

To prolong battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to approximately 50-60% every three months.

## TROUBLESHOOTING

- **Gimbal not powering on:** Ensure the battery is charged. If it's charged, try unfolding and folding the gimbal again, or press and hold the power button.
- **Gimbal not stabilizing correctly:** Ensure your phone is properly balanced in the clamp. Recalibrate the gimbal via the DJI Mimo app if issues persist.
- **Connection issues with DJI Mimo app:** Ensure Bluetooth is enabled on your phone. Restart both the gimbal and the app. Check for app updates.
- **ActiveTrack not working:** Ensure sufficient lighting and clear visibility of the subject. Check that the Multifunctional Module is properly attached and functioning.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	9.1 x 9.1 x 9.1 inches
Item Weight	1 pound (16 ounces)
Compatible Devices	Cellphone (dJI OSMO compatible camcorder models)
Maximum Weight Recommendation	0.66 Pounds
Manufacturer	DJI
Country of Origin	China
UPC	196271182368

## WARRANTY AND SUPPORT

### Warranty Information

The DJI Osmo Mobile 7P comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official DJI website for detailed warranty terms and conditions specific to your region.

### Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact DJI Customer Support through their official website or authorized service centers. You can find contact information and support resources at [www.dji.com/support](http://www.dji.com/support).

