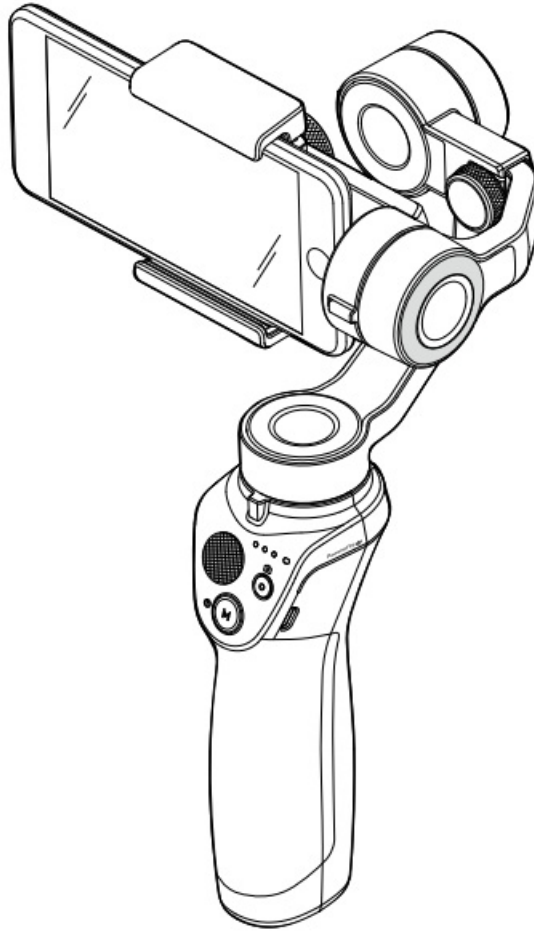




dji CP.ZM.00000064.01 Osmo Mobile 2 Handheld Gimbal User Guide

[Home](#) » [DJI](#) » dji CP.ZM.00000064.01 Osmo Mobile 2 Handheld Gimbal User Guide 

dji CP.ZM.00000064.01 Osmo Mobile 2 Handheld Gimbal



Contents

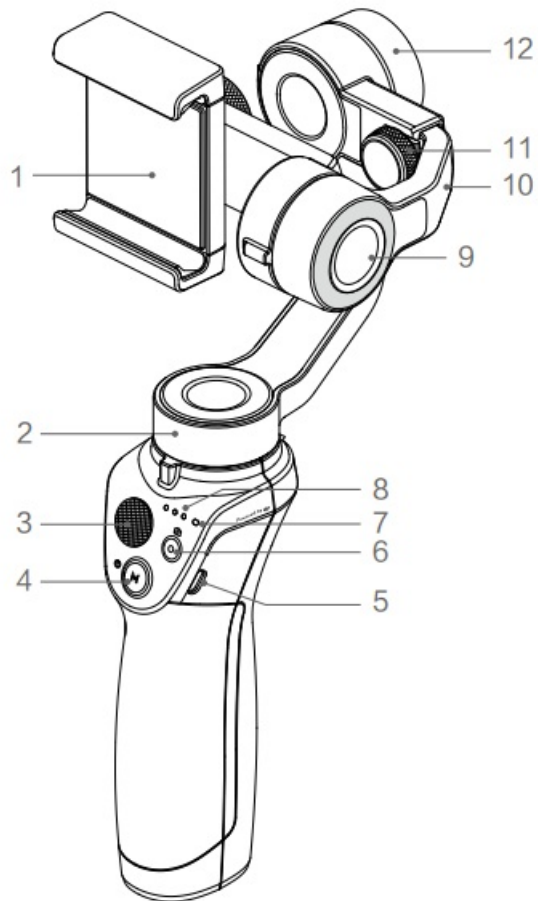
- [1 Product Description](#)
- [2 In the Box](#)
- [3 Installing the DJI GO App](#)
- [4 Charging and Powering On/Off](#)
- [5 Mounting and Balancing a Mobile Phone](#)
- [6 Connecting to the DJI GO App](#)
- [7 Controls](#)
- [8 Specifications](#)
- [9 Customer Support](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)

Product Description

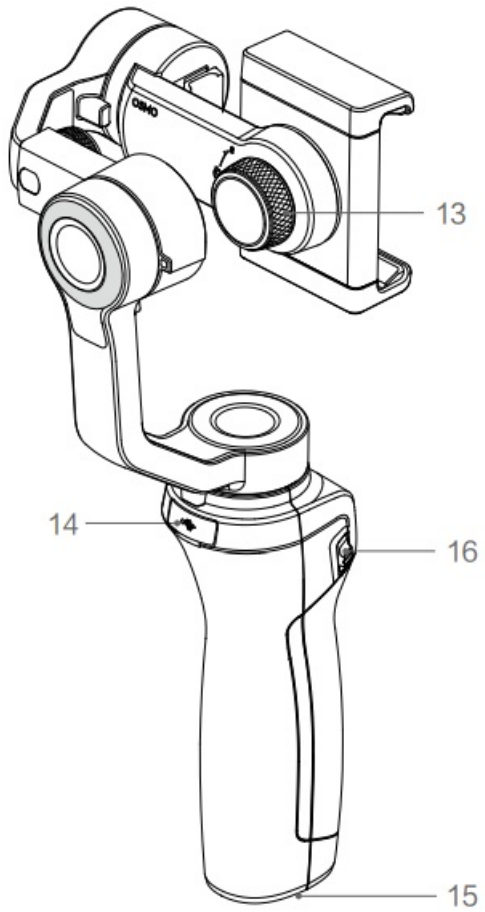
The OSMOTM Mobile 2 is a gimbal that turns your mobile phone into a smart motion camera by stabilizing it during movement. A mobile phone can be mounted to the Osmo Mobile 2 either horizontally or vertically. It is easy to use, and features such as Active Track, Timelapse, and Pano are available through the DJI GO app.

1. Mobile Phone Holder
2. Pan Motor
3. Joystick
4. Power/Mode Button

- 5. Charging Port (Micro USB)
- 6. Shutter/Record Button
- 7. System Status LED
- 8. Battery Level Indicators
- 9. Tilt Motor
- 10. Adjustable Arm
- 11. Balance Adjustment Knob
- 12. Roll Motor

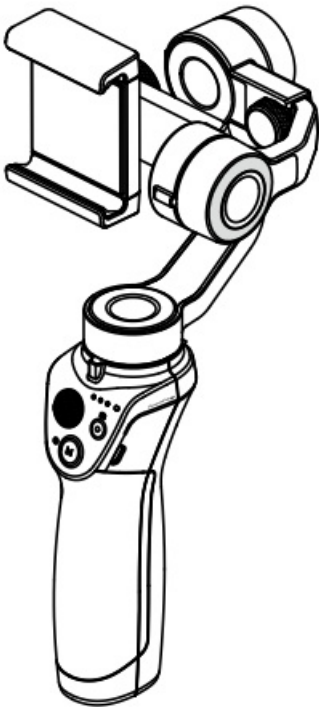


- 13. Holder Lock Knob
- 14. USB Port
- 15. 1/4"-20 UNC Port
- 16. Zoom Slider

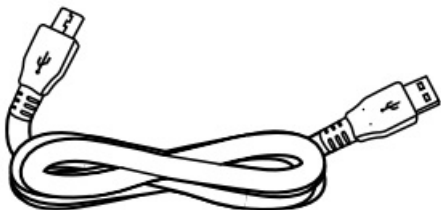


In the Box

- Mobile Phone Gimbal × 1



- Power Cable × 1



Installing the DJI GO App

Search for 'DJI GO' on the App Store or Google Play, and install the app on your mobile phone.



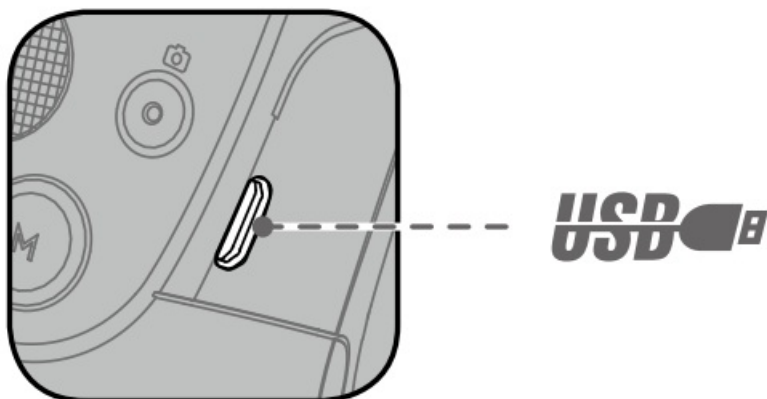
DJI GO supports iOS 10.0 (or later) and Android 4.4 (or later).

Charging and Powering On/Off

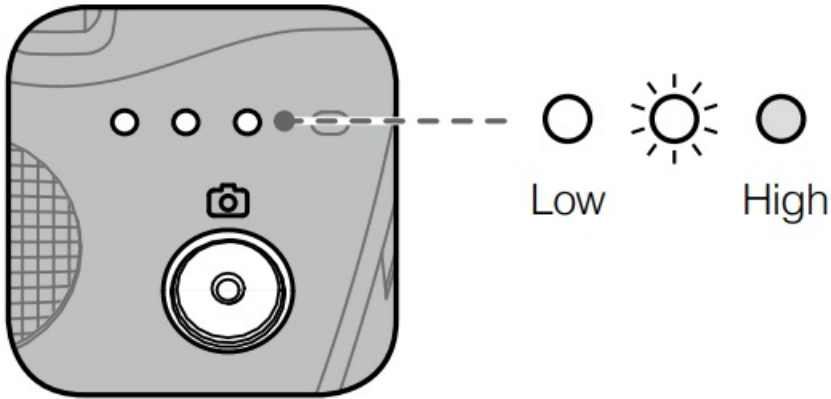
To charge the Osmo Mobile 2, connect the USB adapter (not included) to the charging port using the provided power cable.

The battery is fully charged when the Battery Level Indicators turn solid white.

USB Adapter Charging Time: 2 hours (when charging at 2 A) Max Run-Time: 15 hours*

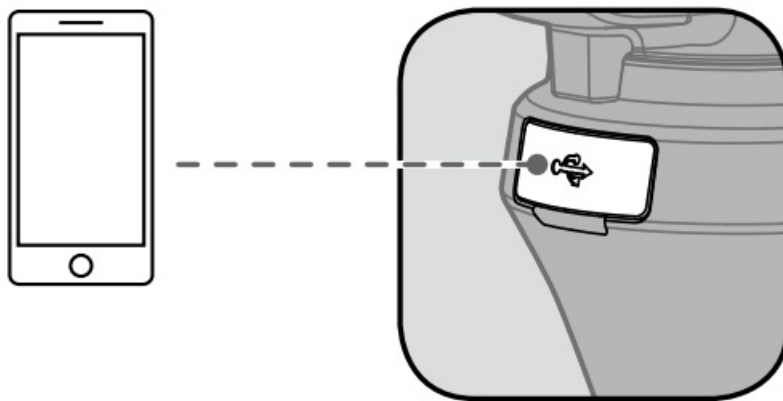


With the Osmo mobile 2 powered off, press the Power/Mode button once to check the battery level. Press and hold the button for 1.5 seconds to power on/off.




Max run-time was tested with the gimbal balanced and held steadily. This value should be taken for reference only

The Osmo Mobile 2's USB port is capable of charging mobile phones.



Connect the USB port to your mobile phone using a standard Micro USB cable to start charging when the Osmo Mobile 2 is powered on. Press the Power/Mode button once to start charging when the Osmo Mobile 2 is powered off.

 The Osmo Mobile 2 cannot charge mobile phones while charging itself. Do not connect the USB port to a mobile phone while the Osmo Mobile 2 is charging.

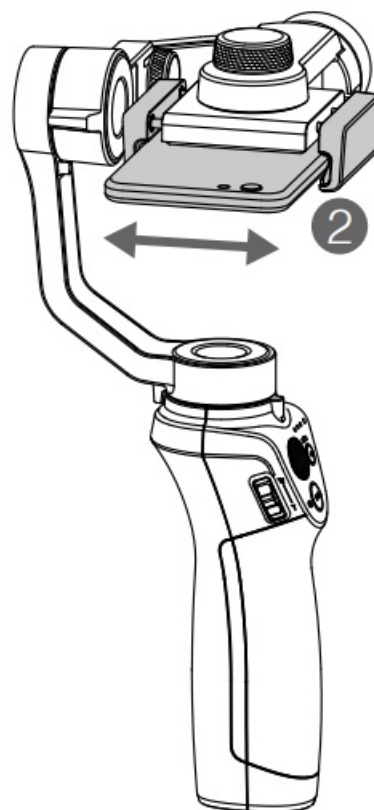
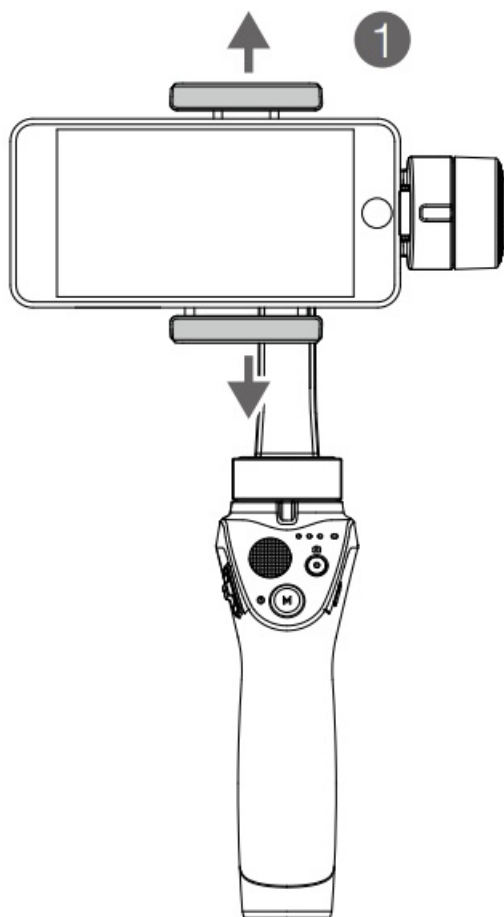
Mounting and Balancing a Mobile Phone

Make sure to only mount and balance a mobile phone while the Osmo Mobile 2 powered off.

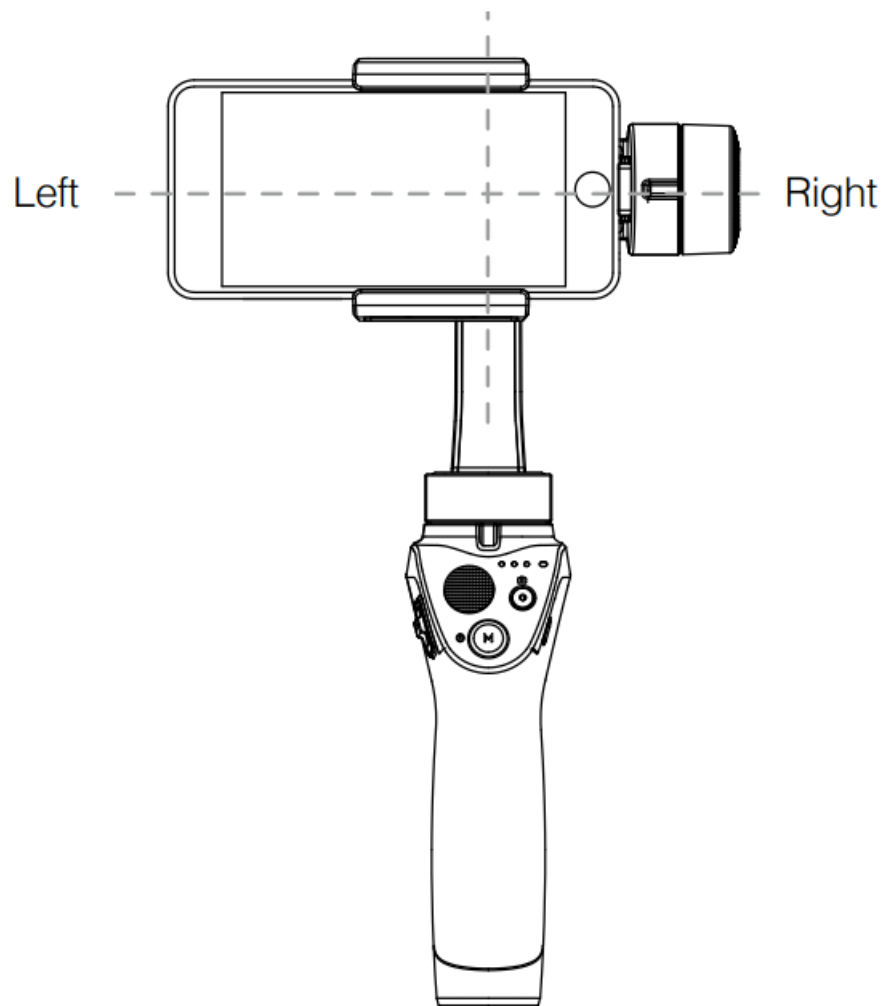
Mount the Mobile Phone Horizontally

Place the mobile phone in the mobile phone holder while pulling out the holder. It is recommended to keep the mobile phone close to the right.

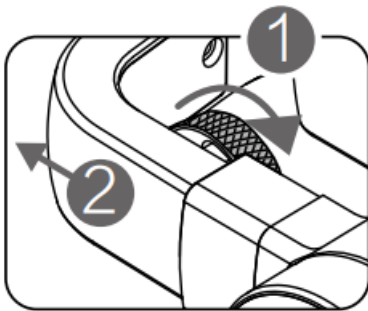
Adjust the position of the mobile phone holder. The tilt axis is balanced if the mobile phone remains still when released.



The roll axis is balanced if the mobile phone remains level when released.

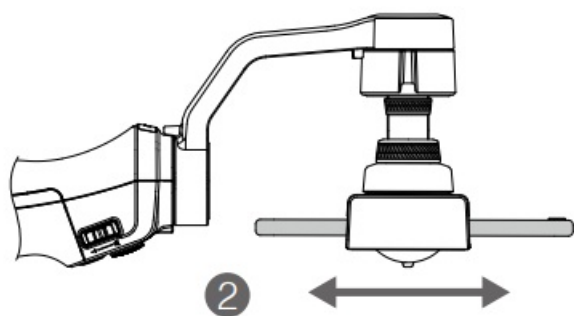
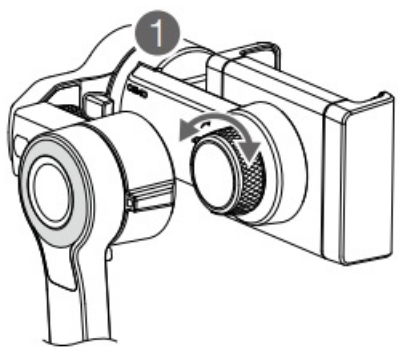


If the roll axis tilts to the left, pull out the arm until the roll axis remains level.

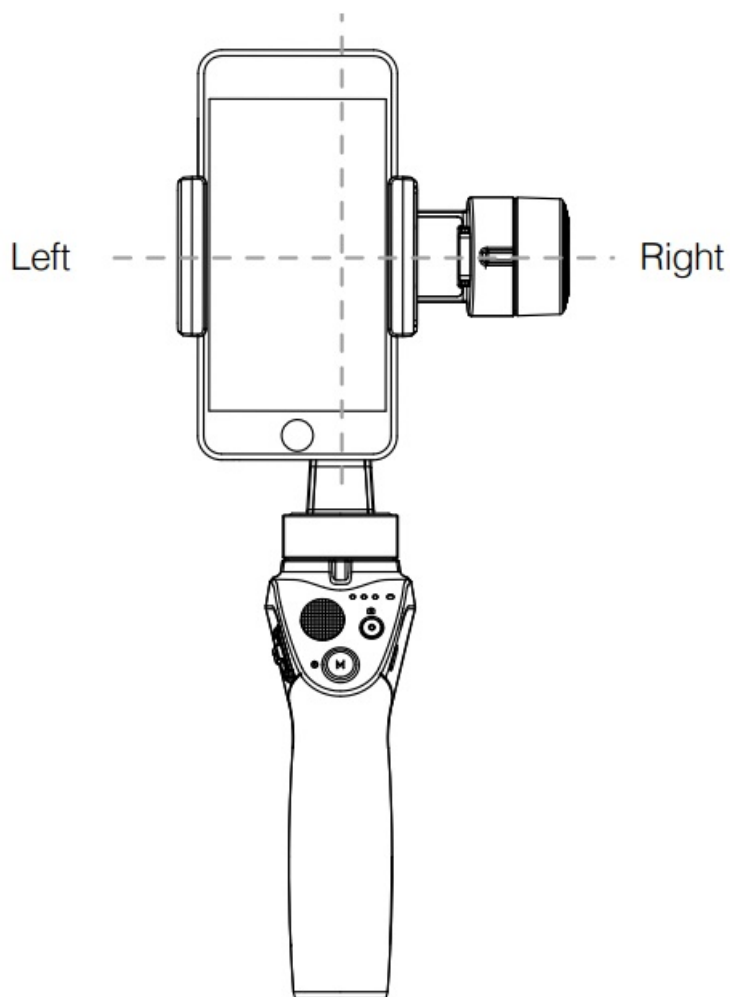


Mount the Mobile Phone Horizontally

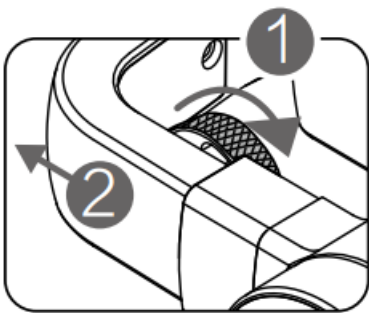
To mount the mobile phone vertically, loosen the Holder Lock Knob and rotate the mobile phone holder for 90 degrees to mount and balance the mobile phone.
Hold the Osmo Mobile 2 horizontally, and then pull the mobile phone until the mobile phone remains still when released.



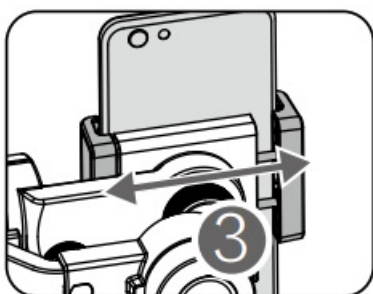
The roll axis is balanced if the mobile phone remains level when released.




Adjust the Adjustable Arm to obtain roll axis balance.



If the roll axis cannot balance by adjusting the arm, pull the mobile phone holder left to balance.



 Ensure the system is balanced and the Balance Adjustment Knob and Holder Lock Knob are tightened before use.

Connecting to the DJI GO App



Enable Bluetooth on your mobile phone.



Power on the Osmo Mobile 2.



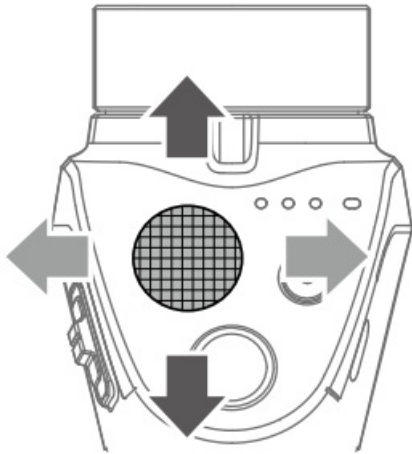
Launch the DJI GO app and then follow the instructions to connect to the Osmo Mobile 2.



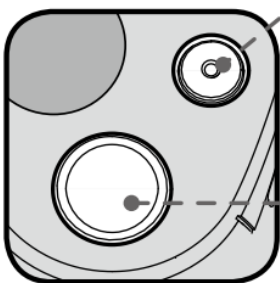
Activate the Osmo Mobile 2 when using it for the first time. This requires an internet connection.

Controls

- Use the joystick to pan or tilt the mobile phone.



- Position the mobile phone directly by hand (in Follow mode).



Press once to start/stop recording or take a photo (users can switch between photo and video mode in the DJI GO app). Press and hold for burst capture.*

Tap once to switch the gimbal mode.
Tap twice to center the mobile phone.
Tap three times to switch between the mobile phone's front and rear cameras.



Push up/down to zoom in/out.

DJI GO advanced features:



Active Track: Mark an object on your screen to track it as it moves.



Time lapse: To capture a timelapse video in different modes.

Burst capture is available on iOS only.

Specifications

General

Name OSMO MOBILE 2

Model OM170

Dimensions 295×113×72 mm (folded)

Weight 485 g

Consumption 1.2 W (steady and balanced status)

Controllable Range Pan: $\pm 160^\circ$; Tilt: $\pm 155^\circ$ (with the mobile phone mounted horizontally)

Mechanical Range Pan: $\pm 170^\circ$; Roll: -90° to $+70^\circ$; Tilt: $\pm 170^\circ$

Max Controllable Speed $120^\circ/\text{s}$

Mobile Phone Width Range 58.6 – 85 mm

Wireless

Mode Bluetooth Low Energy 4.0

Transmitter Power (EIRP) <1 dBm

Battery

Type 18650 LiPo

Capacity 2600 mAh

Energy 18 Wh

Voltage 7.2 V

Charging Temperature 41° to 104° F (5° to 40° C)

Operating Temperature 32° to 104° F (0° to 40° C)

Customer Support

DJI provides various optional accessories for the Osmo Mobile 2. Visit the DJI Online Store for more information:

<http://store.dji.com>

For more information, read the User Manual: www.dji.com/osmo-mobile-2

This content is subject to change without prior notice.

OSMO is a trademark of DJI OSMO.
Copyright © 2018 DJI All Rights Reserved.
Printed in China.

If you have any questions about this document, please contact DJI by sending a message to DocSupport@dji.com

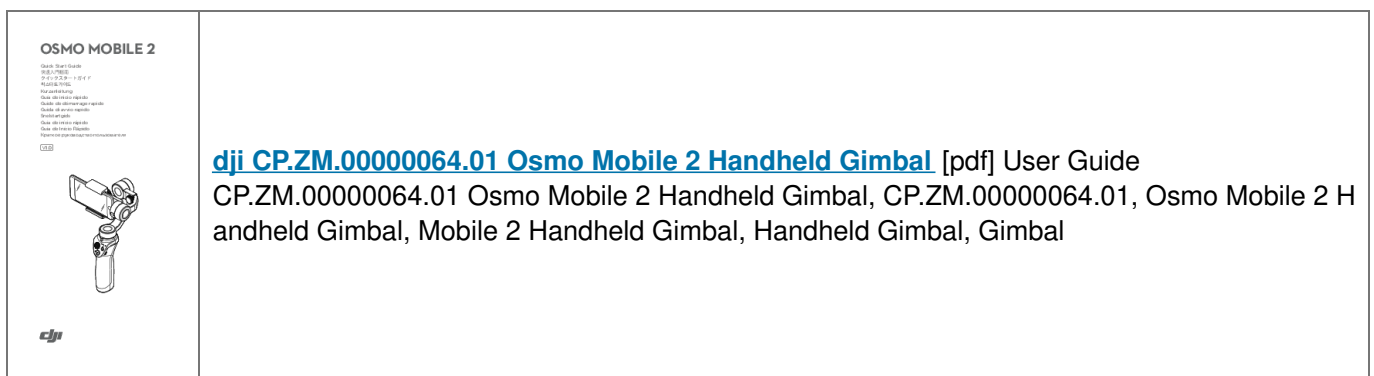


For online support, please scan this code with Facebook Messenger




OSMO MOBILE 2



Documents / Resources



References

-  [DJI Store - Official Store for DJI Drones, Gimbals and Accessories \(United States\)](#)
-  [Osmo Mobile 2 - DJI](#)
-  [Support - DJI](#)
- [User Manual](#)