Overview

1  Tilt Motor
2  Micro USB Port
3  Pan Motor
4  Pan Axis Lock
5  Gimbal Lock
6  System Status LED
7  Power Switch
8  Record Button
9  Mobile Device Holder

Specifications

- **Handle Dimensions**: 2.4×1.9×6.4 inches (61.8×48.2×161.5 mm)
- **Weight (including battery)**: 201 g
- **Supported Mobile Device**: Max Size: 6.2 (L) × 3.1 (W) inches
  158.2 (L) × 77.9 (W) mm
- **Gimbal Model**: Zenmuse X3
- **Weight**: 221 g
- **Output Power (with camera)**:
  - Static: 9 W
  - Dynamic: 11 W
- **Angular Vibration Range**: ±0.03°
- **Mount**: Detachable
- **Controllable Range**:
  - Tilt: -35° to +135°
  - Pan: ±320°
- **Mechanical Range**:
  - Tilt: -90° to +150°
  - Pan: ±330°; Roll: -50° to +90°
- **Max Controllable Speed**: 120°/s
- **Camera Model**: X3/FC350H
- **Sensor**: 1/2.3" CMOS
- **Effective pixels**: 12.40 M (Total pixels: 12.76 M)
- **Lens**: 94° FOV 20 mm (35 mm format equivalent)
  - f/2.8
- **Focus**: 3.5 m
  - (Suitable Range: 1.5 m to infinity)
- **ISO Range**:
  - Video: 100-3200
  - Photo: 100-1600
- **Electronic Shutter Speed**:
  - 8 s - 1/8000 s
  - (up to 30 s when camera is in M mode)
- **Max Image Size**: 4000×3000 pixels
- **Still Photography Modes**:
  - Single Shot
  - Photo Burst Mode: 3/5/7 shots
  - Auto Exposure Bracketing (AEB):
    - 3/5 bracketed frames @ 0.7 EV bias
  - Interval
  - Timelapse
  - Auto Panorama
  - Selfie Panorama
- **Video Resolution**:
  - UHD: 4K (4096×2160) 24/25p
  - 4K (3840×2160) 24/25/30p
  - 2.7K (2704×1520) 24/25/30p
  - FHD: 1920×1080 24/25/30/48/50/60/100p
  - HD: 1280×720 24/25/30/48/50/60p
- **Max Video Bitrate**: 60 Mbps
- **Supported File Systems**:
  - FAT32 (≤ 32 GB)
  - exFAT (> 32 GB)
- **Photo Formats**: JPEG, DNG (RAW)
- **Video Formats**:
  - MP4/MOV (MPEG-4 AVC/H.264)
- **Supported SD Cards**: Micro SD; Max Capacity: 64 GB
- **Class 10 or UHS-1
- **Operating Temperature**: 32° to 104° F (0° to 40° C)
- **Audio Output**: 48 KHz; AAC
- **WiFi Video Link**:
  - Operating Frequency: 2.412-2.462 GHz; 5.180-5.805 GHz
  - Max Transmission Distance: 82 feet (25 m)
  - Transmitter Power (EIRP):
    - 2.4G: 8 dBm
    - 5G: 12 dBm
- **Intelligent Battery**:
  - Model: HB01-522365
  - Type: LiPo
  - Capacity: 980 mAh
  - Energy: 10.8 Wh
  - Voltage: 11.1 V
  - Charging Temperature: 59° to 104° F (15° to 40° C)
  - Operating Temperature: 14° to 122° F (-10° to 50° C)
- **Battery Charger**:
  - Model: OS1C11
  - Input: 100-240 V; 50/60 Hz
  - Output: 12.6/13.2 V; 0.8 A
- **Flexi Microphone**:
  - Sensitivity: -32 ± 3 dB (0 dB =1 V/Pa)
  - Frequency Response: 100 -10000 Hz
  - Signal-to-Noise Ratio: 60 dBA
  - Pin Diameter: 3.5 mm
  - Length: 88 mm
  - Weight: 4 g

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

http://store.dji.com
Overview

The OSMO™ is a professional handheld gimbal that combines mobility and stability in one device. Its camera shoots sharp 12MP still photos and stable video at up to 4K. Your mobile device can be mounted on the side of the handle and display a live feed through the high-speed WiFi video link.
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15  Air Vents
16  UV Filter
17  Micro SD Card Slot
18  Battery Cover
19  Lanyard Hole
20  Rosette Mount
21  Trigger
22  External Microphone Input
23  Built-in Microphone
24  Flexi Microphone
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- **Video Recording Modes**:
  - Auto; Slow Motion

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  Weight 4 g

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http://store.dji.com
1. Install the DJI GO App

Search for ‘DJI GO’ on the App Store or Google Play, and install the app on your mobile device.

![QR Code]

- DJI GO supports iOS 8.0 (or later) or Android 4.1.2 (or later).

2. Prepare the Battery

Fully charge the battery for the first time to activate. Insert the battery as shown.

![Battery Insertion]

- Charge Time: ~90 minutes.
- The LED indicator will become solid green when charging is complete.
1. Install the DJI GO App
Search for ‘DJI GO’ on the App Store or Google Play, and install the app on your mobile device.

3. Mount your Mobile Device

4. Unlock the Gimbal

5. Connect to the DJI GO App

2. Prepare the Battery
Fully charge the battery for the first time to activate. Insert the battery as shown.

● Follow the order above to avoid damaging the camera.
● Rotate the motors just enough to loosen them.

3. Slide the Pan Axis Lock up

● DJI GO supports iOS 8.0 (or later) or Android 4.1.2 (or later).
● Charge Time: ~90 minutes.
● The LED indicator will become solid green when charging is complete.

● Ensure your mobile device is fully seated.

Activate the Osmo if you are using it for the first time. This requires an internet connection.

Internet

Unfold the arms

Adjust the pads

Place one end

Pull outwards

Place the other end

Rotate to desired angle

● SmoothTrack Mode is enabled automatically to smooth out jerky movements.
● The Osmo will beep slowly if the gimbal is locked after it is turned on. This means the camera is working normally but the gimbal is shut off.
● If you need to unlock the gimbal after it is turned on, you must rotate the pan motor after unlocking the tilt motor and pan motor to reactivate the gimbal.

For more information, read the User Manual: www.dji.com/product/osmo

6. Controls

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4. Unlock the Gimbal

1. Rotate the tilt motor
2. Rotate the roll motor
3. Slide the Pan Axis Lock up

- Follow the order above to avoid damaging the camera.
- Rotate the motors just enough to loosen them.

5. Connect to the DJI GO App

To Power On:
- Pull down on the switch
- Pull down again > Sleep
- Pull down and hold for 1.5 s > Power Off

Turn on your mobile’s WiFi and connect to OSMO_XXXXXX
Default password: 12341234

Launch the app and tap Enter Camera View.

Activate the Osmo if you are using it for the first time. This requires an internet connection.
6. Controls

- Position the camera directly by hand.
- Pan or tilt the camera with the joystick.

- Record Button
  Press once to start recording, and again to stop recording.

- Shutter Button
  Press once to take a photo.

- Trigger
  Hold down to enable Lock Mode.
  Tap twice to center the camera.
  Tap three times to enter Selfie Mode.

- SmoothTrack Mode is enabled automatically to smooth out jerky movements.
- The Osmo will beep slowly if the gimbal is locked after it is turned on. This means the camera is working normally but the gimbal is shut off.
- If you need to unlock the gimbal after it is turned on, you must rotate the pan motor after unlocking the tilt motor and pan motor to reactivate the gimbal.

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   Search for ‘DJI GO’ on the App Store or Google Play, and install the app on your mobile device.

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   Fully charge the battery for the first time to activate. Insert the battery as shown.

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   ● Rotate the motors just enough to loosen them.

3. Mount your Mobile Device
4. Unlock the Gimbal

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6. Controls
   - Position the camera directly by hand.
   - Trigger: Hold down to enable Lock Mode. Tap twice to center the camera. Tap three times to enter Selfie Mode.
   - Pan or tilt the camera with the joystick.
   - Record Button: Press once to start recording, and again to stop recording.
   - Shutter Button: Press once to take a photo.

DJI GO supports iOS 8.0 (or later) or Android 4.1.2 (or later).

Charge Time: ~90 minutes.

The LED indicator will become solid green when charging is complete.

Ensure your mobile device is fully seated.

Activate the Osmo if you are using it for the first time. This requires an internet connection.

To Power On:
- Pull down on the switch
- Pull down again > Sleep
- Pull down and hold for 1.5 s > Power Off

Unfold the arms
Adjust the pads

To enter Camera View:
Launch the app and tap Enter Camera View.

Turn on your mobile’s WiFi and connect to OSMO_XXXXXX
Default password: 12341234

For more information, read the User Manual: www.dji.com/product/osmo

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