The OSMO+ is a professional handheld gimbal camera that combines mobility and stability in one device. Its camera features an optical zoom lens providing 3.5x optical zoom and 2x lossless digital zoom. It shoots sharp 12MP still photos and stable video at up to 4K. A mobile device can be mounted on the side of the handle to display a live feed from the camera through a high-speed Wi-Fi video link.
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Specifications

- **Handle**
  - Dimensions: 2.4 x 1.9 x 6.4 inches (61.8 x 48.2 x 161.5 mm)
  - Weight (including battery): 201 g
  - Supported Mobile Device: Max Size: 6.2 (L) x 3.1 (W) inches 158.2 (L) x 77.9 (W) mm

- **Gimbal**
  - Model: Zenmuse X3 Zoom
  - Weight: 268 g
  - Output Power (with camera): 8 W
  - Angular Vibration Range: ±0.02°
  - Mount: Detachable
  - Controllable Range:
    - Tilt: -35° to +135°
    - Pan: ±320°; Roll: ±30°
  - Mechanical Range:
    - Tilt: -50° to +140°
    - Pan: ±330°; Roll: -50° to +90°
  - Max Controllable Speed: 120°/s

- **Camera**
  - Model: X3 ZOOM / FC350Z
  - Sensor: 1/2.3” CMOS
    - Effective pixels: 12.40 M
      (Total pixels: 12.76 M)
  - Lens: 3.5× Optical Zoom,
    - 22 – 77mm Equivalent
    - F2.8 (Wide) – F5.2 (Tele),
    - FOV 92° (Wide) – 35° (Tele)
  - Focus: 0.5 m to infinity
  - ISO Range: 100 – 3200 (video); 100 – 1600 (photo)
  - Electronic Shutter Speed: 8 s – 1/8000 s
    (up to 30 s when camera is in M mode)
  - Max Image Size: 4000 x 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
    - Auto Panorama
    - Selfie Panorama
  - Video Resolution:
    - UHD: 4K (4096 x 2160) 24/25p
    - 4K (3840 x 2160) 24/25/30p
    - 2.7K (2704 x 1520) 24/25/30p
    - FHD: 1920 x 1080 24/25/30/48/50/60/100p
  - Video Recording Modes:
    - Auto; Slow Motion
  - Max Video Bitrate: 60 Mbps
  - Supported File Systems: FAT32 (≤ 32 GB); exFAT (> 32 GB)
  - Photo Formats: JPEG, DNG (RAW)

The OSMOTM+ is a professional handheld gimbal camera that combines mobility and stability in one device. Its camera features an optical zoom lens providing 3.5x optical zoom and 2x lossless digital zoom. It shoots sharp 12MP still photos and stable video at up to 4K. A mobile device can be mounted on the side of the handle to display a live feed from the camera through a high-speed Wi-Fi video link.
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### 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**: HB02-542465
- **Type**: LiPo
- **Capacity**: 1225 mAh
- **Energy**: 14.1 Wh
- **Voltage**: 11.55 V
- **Charging Temperature**: 41° to 104° F (5° to 40° C)
- **Operating Temperature**: 32° to 104° F (0° to 40° 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

### Optional Accessories

<table>
<thead>
<tr>
<th>Extension Rod</th>
<th>Tripod</th>
<th>Osmo Z-Axis</th>
</tr>
</thead>
</table>

DJI provides various optional accessories for the Osmo+. Visit the DJI Online Store for more information: [http://store.dji.com](http://store.dji.com)
1. Install the DJI GO App

Search for ‘DJI GO’ on the App Store or Google Play, or scan the QR code to download the app on your mobile phone.

![QR Code]

- DJI GO supports iOS 8.0 (or later) and Android 4.3 (or later).

2. Prepare the Battery

Fully charge the battery before using it for the first time. Insert the battery as shown.

- Charge Time: ~110 minutes.
- The LED indicator will become solid green when charging is complete.
3. Mount your Mobile Device

Unfold the arms

Adjust the pads

Place one end

1

Pull outwards

2

Place the other end

3

Rotate to desired angle

- Ensure your mobile device is fully seated.
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3. Mount your Mobile Device
   Unfold the arms and adjust the pads. Place one end of the Osmo+ in the holder and pull outwards to lock. Rotate to the desired angle. SmoothTrack Mode is enabled automatically to smooth out jerky movements.

4. Unlock the Gimbal
   1. Rotate the tilt motor
   2. Slide the Pan Axis Lock up

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 Camera.

   Activate the Osmo+ when using it for the first time. This requires an internet connection.
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3. Mount your Mobile Device
Unfold the arms
Adjust the pads
Place one end
Place the other end
Pull outwards
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.

4. Unlock the Gimbal
1. Rotate the tilt motor
2. Slide the Pan Axis Lock up

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

Internet
Launch the app and tap Camera.
DJI GO
App
Turn on your mobile’s WiFi and connect to OSMO_XXXXXX
Default password: 12341234

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

6. Controls

- Use the joystick to pan or tilt the camera.
- Position the camera directly by hand.

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

Shutter Button
Press once to take a photo. Press and hold for burst capture.

Trigger
Hold down the trigger and push the joystick up and down to zoom.

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

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

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