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.

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

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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.

1 Camera
2 Roll Motor
3 Pan Axis Lock
4 Camera Status LED
5 Joystick
6 Shutter Button
7 Mobile Device Holder
8 Record Button
9 Power Switch
10 System Status LED
11 Gimbal Securing Ring
12 Pan Motor
13 Camera Micro USB Port
14 Micro SD Card Slot
15 Tilt Motor
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.

Optional Accessories:
- Extension Rod Tripod
- Osmo Z-Axis
## 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 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**: Sony Exmor R CMOS; 1/2.3"
- **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**: 4000×3000 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 (4096×2160) 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
- **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)

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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-I
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

Extension Rod | Tripod | Osmo Z-Axis

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.
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3. Mount your Mobile Device
   
   - Unfold the arms
   - Adjust the pads
   - Place one end
   - Pull outwards
   - Position the camera directly by hand.
   - Use the joystick to pan or tilt the camera.
   - 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.

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

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

6. Controls

   - 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: http://www.dji.com/product/osmo-plus

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   • Ensure your mobile device is fully seated.

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www.dji.com
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   - Charge Time: ~110 minutes.
   - The LED indicator will become solid green when charging is complete.
   - Ensure your mobile device is fully seated.

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.
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   - Default password: 12341234

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.

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