SPARK

The DJI™ SPARK™ is DJI's smallest flying camera featuring a stabilized camera, Intelligent Flight Modes, and Obstacle Avoidance inside a light, portable body. Equipped with a Vision System and 3D Sensing System*. Spark can film 1080P videos, capture 12-megapixel photos, and is capable of QuickShot and Gesture Control. With a maximum flight speed of 31 mph (50 kph), and a maximum flight time of 16 minutes**, Spark is quick and fun, making drone photography exciting, simple and professional.

* The Vision System and 3D Sensing System are affected by surrounding conditions. For more information, please read the Disclaimer and Safety Guidelines or watch the tutorial in the DJI GO™ 4 app or on the Official DJI website: http://www.dji.com/spark

** Maximum flight time was tested in windless conditions flying at a consistent 12.4 mph (20 kph). This value should be taken for reference only.
Download the DJI GO 4 App

Search for ‘DJI GO 4’ on the App Store or Google Play, or scan the QR code to download the app on your mobile device.

⚠️ DJI GO 4 is supported in iOS 9.0 (or later) or Android 4.4 (or later).

Prepare the Battery

Charge the battery for the first time to activate it.

The battery is fully charged when the battery level indicators turn off.

Charge time: ~ 1 hr 20 min

Press once to check the battery level.
Press once, then again and hold to turn on/off.

Hold the rear arms of the aircraft and push the Intelligent Flight Battery in place all the way to the end.
Push and pull the battery to check that it is securely clamped.

⚠️ DO NOT touch the battery buckles.
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You can find your Wi-Fi network name (SSID) and password on the storage box. Please refer to the User Manual to change or reset your Wi-Fi password.

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Prepare the Battery
Charge the battery for the first time to activate it.

Activation
Launch DJI GO 4, tap the icon in the upper right corner, scan the QR Code on the storage box, and follow the prompt for activation.

Use your DJI account to activate the aircraft. Activation requires an internet connection.

Connection
Power on the aircraft
Connect to Wi-Fi with your mobile device
Launch DJI GO 4

You can find your Wi-Fi network name (SSID) and password on the storage box. Please refer to the User Manual to change or reset your Wi-Fi password.

Controls
Flying the aircraft with touch control or the Remote Controller.

Left Stick
Up
Down
Turn Left
Turn Right

Right Stick
Forward
Backward
Left
Right
# Specifications

- **Aircraft**
  - Weight: 300 g
  - Dimensions: 143×143×55 mm
  - Max Speed: 31 mph (50 kph) in Sport Mode without wind
  - Operating Temperature: 32° to 104° F (0° to 40° C)
  - Operating Frequency: 2.400 - 2.483 GHz; 5.725 - 5.825 GHz
  - Transmitter Power (EIRP):
    - 2.4 GHz: <25 dBm (FCC), <18 dBm (CE), <18 dBm (SRRC)
    - 5.8 GHz: <27 dBm (FCC), <14 dBm (CE), <27 dBm (SRRC)

- **3D Sensing System**
  - Sensing Range: 0.6 - 16 ft (0.2 - 5 m)
  - Operating Environment: Surface with diffuse reflection material, size > 20×20 mm and reflectivity > 20% (such as wall, trees, humans, etc.)

- **Vision System**
  - Velocity Range: ≤ 22.4 mph (36 kph) at 6.6 ft (2 m) above ground
  - Altitude Range: 0 - 26 feet (0 - 8 m)
  - Operating Range: 0 - 98 feet (0 - 30 m)
  - Operating Environment: Surfaces with a clear patterns and diffuse reflection material, reflectivity > 20%, adequate lighting (lux > 15)

- **Camera**
  - Sensor: 1/2.3” CMOS Effective pixels: 12 Megapixels
  - Video Recording Modes: FHD: 1920×1080 30p
  - Lens: 25 mm (35 mm format equivalent), f/2.6

- **Remote Control Device**
  - Operating Frequency:
    - Wi-Fi: 2.4 GHz / 5.8 GHz
    - Remote Controller: 2.412-2.462 GHz; 5.745-5.825 GHz
  - Max Transmission Distance:
    - Wi-Fi: 100 m (Distance), 50 m (Height)
    - Remote Controller:
      - 2.4 GHz: 2000 m (FCC), 500 m (CE), 500 m (SRRC)
      - 5.8 GHz: 2000 m (FCC), 300 m (CE), 1200 m (SRRC)
      - Remote Controller:
        - 2.4 GHz: <26 dBm (FCC), <18 dBm (CE), <18 dBm (SRRC)
        - 5.8 GHz: <28 dBm (FCC), <14 dBm (CE), <26 dBm (SRRC)

- **Charger**
  - Input: 100-240 V, 50/60 Hz, 0.5 A
  - Output: 5 V = 3 A / 9 V = 2A / 12 V = 1.5 A

- **Intelligent Flight Battery**
  - Capacity: 1480 mAh
  - Battery Type: LiPo 3S
  - Charging Temperature: 41° to 104° F (5° to 40° C)

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For more information, read the User Manual: [http://www.dji.com/spark](http://www.dji.com/spark)

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Quick Start Guide