

SPECIFICATIONS

Performance

Maximum Speed	52.5 fps / 16 m/s
Maximum Ascent/Descent Speed	Ascent: 16.4 fps / 5 m/s Descent: 9.8 fps / 3 m/s
Maximum Altitude	19685' / 6000 m above sea level
Flight Time	Up to 25 minutes (depending on conditions)

Flight Control System

Navigation System	Built-in GPS
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Transmitter

Frequency	5.725 GHz to 5.825 GHz
Communication Distance	3280.8' / 1000 m (outdoors and unobstructed, aircraft's altitude at 400 feet (120 m))
Transmitter Power	EIRP: 19 dBm
Working Voltage	600 mA at 3.7V
Battery	2600 mAh LiPo
Charging Port	micro-USB
Mobile Device Holder	Compatibility: Smartphones
Operating Temperature	32 to 104°F / 0 to 40°C

Camera

Sensor	Size: 1/2.3" Resolution: 12 MP effective
Lens	Aperture: f/2.8 FOV: 94° Focal Length: 20 mm (35 mm equivalent) Elements: 9 Focus: 0 to ∞
Photo Resolution	Up to 12 MP (4000 x 3000)
ISO Range	Video: 100 to 3200 Photo: 100 to 1600
Shutter Speed	8 to 1/8000 seconds
Video Resolutions	UHD 2.7K (2704 x 1520): 30p (29.97p) FHD (1920 x 1080): 24p, 25p, 30p HD (1280 x 720) 24p, 25p, 30p, 48p 50p, 60p
Photo Modes	Single Shot Burst Shooting: 3, 5, 7 frames Auto Exposure Bracketing (AEB): 3/5 Bracketed Frames at 0.7 EV bias Time-lapse
Bitrate	Up to 40 Mbp/s
File Formats	Photo: JPEG, DNG Video: MP4, MOV (MPEG-4 AVC)
Recording Media	Type: microSD/SDXC card up to 64 GB Format: FAT32 / exFAT Note: Class 10, UHS-1 or faster card required
Operating Temperature	32 to 104°F / 0 to 40°C

Gimbal

Number of Axes	3-axis (pitch, roll, yaw)
Control Range	Pitch: -90 to +30°
Angular Vibration Range	±0.02°

Video Downlink

Interface	Wi-Fi
Frequency	2.400 to 2.483 GHz
Transmit Power	27 dBm
Range	Up to 3280.8' / 1000 m (outdoors and unobstructed, aircraft's altitude at 400' feet (120 m))
Resolution	720p at 30 fps (depending on conditions and mobile device)
Latency	Low latency (depending on conditions and mobile device)

Motor

Type	Brushless
Working Temperature	23 to 104°F / -5 to 40°C
Weight	1.9 oz / 55 g

Flight Battery

Chemistry	Lithium-polymer (LiPo)
Capacity	4480 mAh
Wattage	68 Wh
Configuration	4S
Voltage	15.2 V
Weight	12.9 oz / 365 g
Maximum Charging Power	100 W
Operating Temperature	14 to 104°F / -10 to 40°C
Charger	Voltage: 17.4 V Power: 57 W

Mobile App

Name	DJI GO
System Requirements	Operating System: iOS
Recommended Devices	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad Air Wi-Fi + Cellular, iPad mini 2, iPad mini 2 Wi-Fi + Cellular, iPad Air 2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, and iPad mini 3 Wi-Fi + Cellular Note: Optimized for iPhone 5s, iPhone 6, and iPhone 6 Plus

Wi-Fi Range Extender

Frequency	2.4 GHz ISM
EIRP	100 mW

General

Operating Temperature	32 to 104°F / 0 to 40°C
Dimensions	Diagonal (Including Propellers): 23.2" / 590 mm
Weight	Including Battery and Propellers: 2.7 lb / 1.2 kg