

AIRCRAFT

Folded	H83mm x W83mm x L198mm
Diagonal Size (Excluding Propellers)	335 mm
Weight (including battery and propellers)	1.62 lbs (734 g) (exclude gimbal cover) 1.64 lbs (743 g) (include gimbal cover)
Max Ascent Speed	16.4 ft/s (5 m/s) in Sport mode
Max Descent Speed	9.8 ft/s (3 m/s)
Max Speed	40 mph (65 kph) in Sport mode without wind
Max Service Ceiling Above Sea Level	16404 feet (5000 m)
Max Flight Time	27 minutes (0 wind at a consistent 15.5 mph (25 kph))
Max Hovering Time	24 minutes (0 wind)
Overall flight time	21 minutes (in normal flight, 15% remaining battery level)
Max Flight Distance	8 mi (13 km, 0 wind)
Operating Temperature	32° to 104° F (0° to 40° C)
GPS Mode	GPS / GLONASS
Hover Accuracy	Vertical: +/- 0.1 m (when Vision Positioning is active) or +/- 0.5 m Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/- 1.5 m

REMOTE CONTROLLER

Operating Frequency	2.4 GHz to 2.483 GHz
Max Transmission Distance	FCC Compliant: 4.3 mi (7 km); CE Compliant: 2.5 mi (4 km) (Unobstructed, free of interference)
Operating Temperature	32° to 104° F (0° to 40° C)
Battery	2970mAh
Transmitter Power (EIRP)	CE: ≤26 dBm FCC: ≤20 dBm
Operating Voltage	950mA @ 3.7V
Supported Mobile Device Size	Thickness Supported: 6.5-8.5mm Max length: 160mm Supported USB port types: Lightning, Micro USB (Type-B), USB (Type-C)*

CHARGER

Voltage	13.05 V
Rated Power	50 W

INTELLIGENT FLIGHT BATTERY

Capacity	3830 mAh
Voltage	11.4 V
Battery Type	LiPo 3S
Energy	43.6 Wh
Net Weight	Approx. 0.5 lbs (240 g)
Operating Temperature	41° to 104° F (5° to 40° C)

APP / LIVE VIEW

Mobile App	DJI GO
Live View Quality	720P @ 30fps (depending on conditions and mobile device)
Latency	220ms (depending on conditions and mobile device)
Required Operating Systems	• iOS 8.0 or later • Android 4.1.2 or later
Recommended Devices	• iOS: iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone 7, iPhone 7s, iPod touch 6, iPad Pro, 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, iPad mini 3 Wi-Fi + Cellular, iPad mini 4, and iPad mini 4 Wi-Fi + Cellular. This app is optimized for iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone 7 and iPhone 7 Plus. • Android: Samsung tabs 705c, Samsung S6, Samsung S5, Samsung NOTE4, Samsung NOTE3, Google Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei P8 Max, Huawei Mate 8, Nubia Z7 mini, SONY Xperia Z3, Mi 3, Mi PAD, Smartisan T1.
*Support for additional Android devices available as testing and development continues.	

CAMERA

Sensor	1/2.3" (CMOS), Effective pixels: 12.35 M (Total pixels: 12.71 M)
Lens	FOV 78.8° 28 mm (35 mm format equivalent) f/2.2 Distortion < 1.5% Focus from 0.5 m to ∞
ISO Range	100-3200 (video) 100-1600 (photo)
Shutter Speed	8s - 1/8000s
Image Max Size	4000×3000
Still Photography Modes	Single shot Burst shooting: 3/5/7 frames Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias Interval
Video Recording Modes	C4K: 4096×2160 24p 4K: 3840×2160 24/25/30p 2.7K: 2704×1520 24/25/30p FHD: 1920×1080 24/25/30/48/50/60/96p HD: 1280×720 24/25/30/48/50/60/120p
Max Video Bitrate	60 Mbps
Supported File Formats	FAT32 (≤ 32 GB); exFAT (> 32 GB)
Photo	JPEG, DNG
Video	MP4, MOV (MPEG-4 AVC/H.264)
Supported SD Card Types	Micro SD™ Max capacity: 64 GB. Class 10 or UHS-I rating required
Operating Temperature	32° to 104° F (0° to 40° C)

GIMBAL

Controllable Range	Pitch: -90° to +30° Roll: 0° or 90° (Horizontally and vertically)
Stabilization	3-axis (pitch, roll, yaw)

FORWARD VISION SYSTEM

Obstacle Sensory Range	Precision measurement range: 2 ft (0.7 m) to 49 ft (15 m) Detectable range: 49 ft (15 m) to 98 ft (30 m)
Operating Environment	Surface with clear pattern and adequate lighting (lux > 15)

DOWNWARD VISION SYSTEM

Velocity Range	≤22.4 mph (36 kph) at 6.6 ft (2 m) above ground
Altitude Range	1 - 43 feet (0.3 - 13 m)
Operating Range	1 - 43 feet (0.3 - 13 m)
Operating Environment	Surface with clear pattern and adequate lighting (lux > 15)