

# MavicEspecificaciones

## Aircraft

<b>Folded</b>	H83mm x W83mm x L198mm
<b>Diagonal Size (Propellers Excluded)</b>	335 mm
<b>Weight (Battery &amp; Propellers Included)</b>	1.62 lbs (734 g) (exclude gimbal cover) 1.64 lbs (743 g) (include gimbal cover)
<b>Max Ascent Speed</b>	16.4 ft/s (5 m/s) in Sport mode
<b>Max Descent Speed</b>	9.8 ft/s (3 m/s)
<b>Max Speed</b>	40 mph (65 kph) in Sport mode without wind
<b>Max Service Ceiling Above Sea Level</b>	16404 feet (5000 m)
<b>Max Flight Time</b>	27 minutes (0 wind at a consistent 15.5 mph (25 kph))
<b>Max Hovering Time</b>	24 minutes (0 wind)
<b>Overall Flight Time</b>	21 minutes ( In normal flight, 15% remaining battery level )
<b>Max Flight Distance</b>	8 mi (13 km, 0 wind)
<b>Operating Temperature Range</b>	32° to 104° F (0° to 40° C)
<b>Satellite Positioning Systems</b>	GPS / GLONASS
<b>Hover Accuracy Range</b>	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

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

## Gimbal

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

## Vision System

<b>Vision System</b>	Forward Vision System
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	Downward Vision System
<b>Obstacle Sensory Range</b>	Precision measurement range: 2 ft (0.7 m) to 49 ft (15 m) Detectable range: 49 ft (15 m) to 98 ft (30 m)
<b>Operating Environment</b>	Surface with clear pattern and adequate lighting (lux > 15)
<b>Velocity Range</b>	≤22.4 mph (36 kph) at 6.6 ft (2 m) above ground
<b>Altitude Range</b>	1 - 43 feet (0.3 - 13 m)
<b>Operating Range</b>	1 - 43 feet (0.3 - 13 m)

## App / Live View

<b>Mobile App</b>	DJI GO
<b>Live View Quality</b>	720p@30fps、1080p@30fps (Remote Controller) 720p@30fps(Wi-Fi) 720p@60fps、1080p@30fps (DJI Goggles)
<b>Latency</b>	160-170ms (depending on conditions and mobile device)
<b>Required Operating Systems</b>	<ul style="list-style-type: none"> <li>• iOS 8.0 or later</li> <li>• Android 4.1.2 or later</li> </ul>
<b>Recommended Devices</b>	<ul style="list-style-type: none"> <li>• ios: iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone 7, iPhone 7 Plus, 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.</li> <li>• 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.</li> </ul>

\*Support for additional Android devices available as testing and development continues.

## Camera

<b>Sensor</b>	1/2.3" (CMOS), Effective pixels:12.35 M (Total pixels:12.71M)
<b>Lens</b>	FOV 78.8° 28 mm (35 mm format equivalent) f/2.2 Distortion < 1.5% Focus from 0.5 m to ∞
<b>ISO Range</b>	100-3200 (video) 100-1600 (photo)
<b>Electronic Shutter Speed</b>	8s -1/8000s
<b>Image Size</b>	4000×3000 Single shot
<b>Still Photography Modes</b>	Burst shooting: 3/5/7 frames Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias Interval
<b>Video Recording Modes</b>	C4K: 4096×2160 24p 4K: 3840×2160 24/25/30p 2.7K: 2720x1530 24/25/30p FHD: 1920×1080 24/25/30/48/50/60/96p

	HD: 1280×720 24/25/30/48/50/60/120p
<b>Max Video Bitrate</b>	60 Mbps
<b>Supported File Systems</b>	FAT32 ( ≤ 32 GB ); exFAT ( > 32 GB )
<b>Photo</b>	JPEG, DNG
<b>Video</b>	MP4, MOV (MPEG-4 AVC/H.264)
<b>Supported SD Cards</b>	Micro SD™ Max capacity: 64 GB. Class 10 or UHS-1 rating required
<b>Operating Temperature Range</b>	32° to 104° F ( 0° to 40° C )

## Wi-Fi

<b>Operating Frequency</b>	2.4G/5G
<b>Max Transmission Distance</b>	80m(Distance),50m(Height) (Unobstructed, free of interference)
<b>Max Speed</b>	14 km/h (9 mph)
<b>Max Ascent Speed</b>	6.6 ft/s(2 m/s)
<b>Max Descent Speed</b>	3.3 ft/s(1 m/s)

## Charger

<b>Voltage</b>	13.05 V
<b>Rated Power</b>	50 W

## Intelligent Flight Battery

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