

Mavic AirSpecs

Aircraft

Takeoff Weight	430 g
Dimensions	Folded: 168×83×49 mm (L×W×H) Unfolded: 168×184×64 mm (L×W×H)
Diagonal Distance	213 mm
Max Ascent Speed	4 m/s (S - mode ^[1]) 2 m/s (P - mode) 2 m/s (Wi-Fi mode)
Max Descent Speed	3 m/s (S - mode ^[1]) 1.5 m/s (P - mode) 1 m/s (Wi-Fi mode)
Max Speed (near sea level, no wind)	68.4 kph (S - mode ^[1]) 28.8 kph (P - mode) 28.8 kph (Wi-Fi mode)
Max Service Ceiling Above Sea Level	5000 m
Max Flight Time (no wind)	21 minutes (at a consistent 25 kph)
Max Hovering Time (no wind)	20 minutes
Max Flight Distance (no wind)	10 km
Max Wind Speed Resistance	29 - 38 kph
Max Tilt Angle	35° (S - mode ^[1]) 15° (P - mode)
Max Angular Velocity	250°/s (S - mode ^[1]) 250°/s (P - mode)
Operating Temperature Range	0°C - 40°C
Operating Frequency	2.400 - 2.4835 GHz 5.725 - 5.850 GHz

Transmission Power (EIRP)
2.400 - 2.4835 GHz
FCC: ≤ 28 dBm
CE: ≤ 19 dBm
SRRC: ≤ 19 dBm
MIC: ≤ 19 dBm

GNSS
5.725 - 5.850 GHz
FCC: ≤ 31 dBm
CE: ≤ 14 dBm
SRRC: ≤ 27 dBm
GPS + GLONASS
Vertical:
 ± 0.1 m (with Vision Positioning)
 ± 0.5 m (with GPS Positioning)

Hovering Accuracy Range
Horizontal:
 ± 0.1 m (with Vision Positioning)
 ± 1.5 m (with GPS Positioning)

Internal Storage
8 GB

Sensing System

Forward
Precision Measurement Range: 0.5 - 12 m
Detectable Range: 0.5 - 24 m
Effective Sensing Speed: ≤ 8 m/s
Field of View (FOV): Horizontal 50° , Vertical $\pm 19^\circ$

Backward
Precision Measurement Range: 0.5 - 10 m
Detectable Range: 0.5 - 20 m
Effective Sensing Speed: ≤ 8 m/s
Field of View (FOV): Horizontal 50° , Vertical $\pm 19^\circ$

Downward
Altitude Range: 0.1 - 8 m
Operating Range: 0.5 - 30 m

Operating Environment
Forward:
Surface with clear pattern and adequate lighting

(lux > 15)

Backward:

Surface with clear pattern and adequate lighting
(lux > 15)

Downward:

Detects clearly patterned surfaces with adequate
lighting (lux>15) and diffuse reflectivity (>20%)

Remote Controller

Operating Frequency	2.400 - 2.4835 GHz 5.725 - 5.850 GHz
Max Transmission Distance (unobstructed, free of interference)	2.400 - 2.4835 GHz: FCC: 4000 m CE: 2000 m SRRC: 2000 m MIC: 2000 m 5.725 - 5.850 GHz: FCC: 4000 m CE: 500 m SRRC: 2500 m
Operating Temperature Range	0°C - 40°C
Transmission Power (EIRP)	2.400 - 2.4835 GHz: FCC : ≤26 dBm CE: ≤18 dBm SRRC: ≤18 dBm MIC:≤18 dBm 5.725 - 5.850 GHz: FCC: ≤30 dBm

	CE: ≤ 14 dBm SRRC: ≤ 26 dBm 2970 mAh 1400 mA = 3.7 V (Android) 750 mA = 3.7 V (iOS) Max length: 160 mm Supported Thickness: 6.5-8.5 mm Lightning, Micro USB (Type-B), USB-C
Battery	
Operating Current/Voltage	
Supported Mobile Device Size	
Supported USB Port Types	

Charger

Input	100 - 240 V, 50/60 Hz, 1.4 A
Output	Main: 13.2 V = 3.79 A USB: 5 V = 2 A
Voltage	13.2 V
Rated Power	50 W

APP

Video Transmission System	Enhanced Wi-Fi
Name	DJI GO 4 Remote Controller: 720p@30fps Smart Device: 720p@30fps DJI Goggles: 720p@30fps
Live View Quality	
Latency (depending on environmental conditions and mobile device)	170 - 240 ms

Required Operating System

iOS v9.0 or later
Android v4.4 or
later

Footnotes

Footnotes [1] Remote controller required.

These specs have been determined through tests conducted with the latest firmware. Firmware updates can enhance performance, so updating to the latest firmware is highly recommended.