

Mavic 2 Enterprise Specs

Aircraft

Takeoff Weight(Without Accessories)	905 g
Dimensions(L×W×H)	Folded: 214×91×84 mm Unfolded: 322×242×84 mm Unfolded+Spotlight: 322×242×114 mm Unfolded+Beacon: 322×242×101 mm Unfolded+Speaker: 322×242×140 mm
Diagonal Length	354 mm
Max Ascent Speed	5 m/s (S-mode ^[1]) 4 m/s (P-mode) 4 m/s (S-mode with accessories ^[1]) 4 m/s (P-mode with accessories)
Max Descent Speed	3 m/s (S-mode ^[1]) 3 m/s (P-mode)
Max Speed (near sea level, no wind)	72 kph (S-mode, without wind) 50 kph (P-mode, without wind)
Max Service Ceiling Above Sea Level	6000 m
Max Flight Time (no wind)	31 min (at a consistent speed of 25 kph) 29 min 27 min (with beacon turned on) 28 min (with beacon turned off)
Max Hovering Time (no wind)	22 min (with spotlight turned on) 26 min (with spotlight turned off) 25 min (with speaker turned on) 26 min (with speaker turned off)
Max Wind Speed Resistance	29–38 kph
Max Tilt Angle	35° (S-mode, with remote controller) 25° (P-mode)
Max Angular Velocity	200°/s (S-Mode) 100°/s (P-Mode) 200°/s (S-Mode) 100°/s (P-Mode)
Operating Temperature Range	-10°C to 40°C
GNSS	GPS+GLONASS
Operating Temperature Range	Vertical: ±0.1 m (with Vision Positioning) ±0.5 m (with GPS Positioning) Horizontal: ±0.3m (with Vision Positioning) ±1.5 m (with GPS Positioning)

Operating Frequency	2.400 - 2.4835 GHz 5.725 - 5.850 GHz
Transmission Power (EIRP)	2.400 - 2.4835 GHz FCC: ≤ 26 dBm CE: ≤ 20 dBm SRRC: ≤ 20 dBm 5.725-5.850 GHz MIC: ≤ 20 dBm FCC: ≤ 26 dBm CE: ≤ 14 dBm SRRC: ≤ 26 dBm
Internal Storage	24 GB

Sensing System

Sensing System	Omnidirectional Obstacle Sensing [2]
Forward	Precision Measurement Range: 0.5 - 20 m Detectable Range: 20 - 40 m Effective Sensing Speed: ≤ 14 m/s FOV: Horizontal: 40°, Vertical: 70°
Backward	Precision Measurement Range: 0.5 - 16 m Detectable Range: 16 - 32 m Effective Sensing Speed: ≤ 12 m/s FOV: Horizontal: 60°, Vertical: 77°
Upward	Precision Measurement Range: 0.1 - 8 m
Downward	Precision Measurement Range: 0.5 - 11 m Detectable Range: 11 - 22 m
Sides	Precision Measurement Range: 0.5 - 10 m Effective Sensing Speed: ≤ 8 m/s FOV: Horizontal: 80°, Vertical: 65°
Operating Environment	Forward, Backward and Sides: Surface with clear pattern and adequate lighting (lux > 15) Upward: Detects diffuse reflective surfaces (>20%) (walls, trees, people, etc.) Downward: Surface with clear pattern and adequate lighting (lux > 15) Detects diffuse reflective surfaces (>20%) (walls, trees, people, etc.)

Remote Controller

Operating Frequency	2.400 - 2.483 GHz; 5.725 - 5.850 GHz
Max Transmission Distance(Unobstructed)	2.400 - 2.483 GHz; 5.725 - 5.850 GHz

free of interference)	FCC: 8000 m CE: 5000 m SRRC: 5000 m MIC: 5000 m
Operating Temperature Range	0°C to 40°C 2.4 - 2.4835 GHz FCC: ≤26 dBm; CE: ≤20 dBm; SRRC: ≤20 dBm MIC: ≤20 dBm
Transmitter Power(EIRP)	5.725 - 5.850 GHz FCC: ≤26 dBm; CE: ≤14 dBm; SRRC: ≤26 dBm
Battery	3950mAh
Charging Time	2 hours 15 min
Operating Current/Voltage	1800mA = 3.83V
Mobile Device Holder	Thickness Supported:6.5-8.5 mm, Max length: 160 mm
RC Size	Folded: 145×80×48 mm (L×W×H) Unfolded: 190×115×100 mm (L×W×H)
Supported USB port types	Lightning, Micro USB (Type-B), USB Type-C™

M2E Spotlight

Dimensions	68x60x41 mm
Port Type	USB Micro-B
Operating Range	30 m
Power	Max 26W
Illuminance	FOV17°, Max: 11lux @ 30m Straight

M2E Beacon

Dimensions	68x40x27.8 mm
Port Type	USB Micro-B
Power	Avg. 1.6W
Controllable Range	5000 m
Light intensity	Min Angle: 55 cd; Light intensity: 157 cd

M2E Speaker

Dimensions 68x55x65 mm

Port Type USB Micro-B

Power Max 10W

Decibel 100 db @ 1 meter distance

Bitrate 16 kbps

Footnotes

[1] Remote controller required.

[2] Omnidirectional Obstacle Sensing includes left/right, up/down, and forward/backward obstacle sensing. Sensing for left/right directions is only available in ActiveTrack or Tripod Mode. Omnidirectional Obstacle Sensing does not fully cover the circumference of a 360-degree arc. And left and right obstacle sensing system only works in specific modes and environments. DJI warranty does not cover any loss caused by crashing when flying left or right, even when ActiveTrack or Tripod mode is activated. Please be aware of your surroundings and App notifications when operating the Mavic 2 to ensure safety. 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."

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