

PRODUIT	ITEM	SPEC
DJI Mavic 3	Aircraft	Takeoff Weight
DJI Mavic 3	Aircraft	Dimensions (Folded/Unfolded)
DJI Mavic 3	Aircraft	Wheelbase
DJI Mavic 3	Aircraft	Max Ascent Speed
DJI Mavic 3	Aircraft	Max Descent Speed
DJI Mavic 3	Aircraft	Max Flight Speed (at sea level, no wind)
DJI Mavic 3	Aircraft	Max Service Ceiling Above Sea Level
DJI Mavic 3	Aircraft	Max Flight Time (no wind)
DJI Mavic 3	Aircraft	Max Hovering Time (no wind)
DJI Mavic 3	Aircraft	Max Flight Distance
DJI Mavic 3	Aircraft	Max Wind Speed Resistance
DJI Mavic 3	Aircraft	Max Tilt Angle
DJI Mavic 3	Aircraft	Max Angular Velocity
DJI Mavic 3	Aircraft	Operating Temperature
DJI Mavic 3	Aircraft	GNSS
DJI Mavic 3	Aircraft	Hovering Accuracy Range
DJI Mavic 3	Aircraft	Internal Storage
DJI Mavic 3	Hasselblad Camera	Sensor
DJI Mavic 3	Hasselblad Camera	Lens
DJI Mavic 3	Hasselblad Camera	ISO Range
DJI Mavic 3	Hasselblad Camera	Shutter Speed
DJI Mavic 3	Hasselblad Camera	Max Image Size

DJI Mavic 3	Hasselblad Camera	Still Photography Modes
DJI Mavic 3	Hasselblad Camera	Video Resolution
DJI Mavic 3	Hasselblad Camera	Max Video Bitrate
DJI Mavic 3	Hasselblad Camera	Supported File Formats
DJI Mavic 3	Hasselblad Camera	Photo Format
DJI Mavic 3	Hasselblad Camera	Video Formats
DJI Mavic 3	Tele Lens	Sensor
DJI Mavic 3	Tele Camera	Lens
DJI Mavic 3	Tele Camera	ISO Range
DJI Mavic 3	Tele Lens	Shutter Speed
DJI Mavic 3	Tele Camera	Max Image Size
DJI Mavic 3	Tele Camera	Photo Format
DJI Mavic 3	Tele Camera	Video Formats
DJI Mavic 3	Tele Camera	Still Photography Modes
DJI Mavic 3	Tele Camera	Video Resolution
DJI Mavic 3	Tele Camera	Digital Zoom
DJI Mavic 3	Gimbal	Stabilization
DJI Mavic 3	Gimbal	Mechanical Range
DJI Mavic 3	Gimbal	Controllable Range
DJI Mavic 3	Gimbal	Max Control Speed (tilt)

DJI Mavic 3	Gimbal	Angular Vibration Range
DJI Mavic 3	Sensing	Sensing System
DJI Mavic 3	Sensing	Forward Vision System:
DJI Mavic 3	Sensing	Backward
DJI Mavic 3	Sensing	Lateral Sensing System
DJI Mavic 3	Sensing	Upward:
DJI Mavic 3	Sensing	Downward Vision System:
DJI Mavic 3	Sensing	Operating Environment
DJI Mavic 3	Video Transmission	Video Transmission System
DJI Mavic 3	Video Transmission	Live View Quality
DJI Mavic 3	Video Transmission	Operation Frequency
DJI Mavic 3	Video Transmission	Max Transmission Distance (unobstructed, free of interference and aligned with controller)
DJI Mavic 3	Video Transmission	Max Download Bitrate
DJI Mavic 3	Video Transmission	Latency (depending on environmental conditions and mobile device)
DJI Mavic 3	Video Transmission	Antennas

DJI Mavic 3	Video Transmission	Transmitter Power (EIRP)
DJI Mavic 3	Battery	Capacity
DJI Mavic 3	Battery	Voltage
DJI Mavic 3	Battery	Charging Voltage Limit
DJI Mavic 3	Battery	Battery Type
DJI Mavic 3	Battery	Energy
DJI Mavic 3	Battery	Weight
DJI Mavic 3	Battery	Charging Temperature
DJI Mavic 3	Battery Charger	Input
DJI Mavic 3	Battery Charger	USB-C Output
DJI Mavic 3	Battery Charger	USB-A output
DJI Mavic 3	Battery Charger	Rated Power
DJI Mavic 3	Charging Hub	Input
DJI Mavic 3	Charging Hub	Output
DJI Mavic 3	Charging Hub	Rated Power
DJI Mavic 3	Charging Hub	Charging Type
DJI Mavic 3	Charging Hub	Charging Temperature Range
DJI Mavic 3	Car Charger	Input
DJI Mavic 3	Car Charger	Output
DJI Mavic 3	Car Charger	Rated Power
DJI Mavic 3	Car Charger	Charging Time
DJI Mavic 3	Car Charger	Charging Temperature Range
DJI Mavic 3	Storage	Supported SD Cards

DJI Mavic 3	Storage	Recommended microSD Cards
DJI Mavic 3	Storage	SSD Specs
DJI Mavic 3	DJI RC-N1 Remote Controller	Remote Controller Transmission System
DJI Mavic 3	DJI RC-N1 Remote Controller	Battery Life
DJI Mavic 3	DJI RC-N1 Remote Controller	Supported USB Port Types
DJI Mavic 3	DJI RC-N1 Remote Controller	Max Supported Mobile Device Size
DJI Mavic 3	DJI RC-N1 Remote Controller	Operating Temperature
DJI Mavic 3	DJI RC-N1 Remote Controller	Transmitter Power (EIRP)

DATA

900 g
Folded (without propellers) 221×96.3×90.3 mm (Length×Width×Height) Unfolded (without propellers) 347.5×283×107.7 mm (Length×Width×Height)
Diagonal: 380.1 mm
1 m/s (C mode) 6 m/s (N mode) 8 m/s (S mode)
1 m/s (C mode) 6 m/s (N mode) 6 m/s (S mode)
5 m/s (C mode) 16 m/s (N mode) 21 m/s (S mode)
6000 m
46 minutes
40 minutes
30 km
12 m/s
25° (C mode) 30° (N mode) 35° (S mode)
200°/s
-10° to 40° C (14° to 104° F)
GPS + Galileo + BeiDou
Vertical: ±0.1 m (with Vision Positioning); ±0.5 m (with GNSS Positioning) Horizontal: ±0.3 m (with Vision Positioning); ±0.5 m (with High Precision Positioning System)
Mavic 3: 8 GB (available space is approx. 7.2 GB) Mavic 3 Cine: 1TB (available space is approx. 934.8 GB)
4/3 CMOS, Effective pixels: 20 MP
FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8 to f/11 Focus: 1 m to ∞ (with Autofocus)
Video: 100-6400 Still Image: 100-6400
Electronic Shutter: 8-1/8000 s
Main Unit: 5280×3956

<p>Single shot: 20MP Photos Automatic Exposure Bracketing (AEB): 20 MP, 3/5 bracketed frames at 0.7 EV Timed: 20 MP, 2/3/5/7/10/15/20/30/60s Apple ProRes 422 HQ</p>
<p>5.1K: 5120×2700@24/25/30/48/50fps DCI 4K: 4096×2160@24/25/30/48/50/60/120*fps 4K: 3840×2160@24/25/30/48/50/60/120*fps</p>
<p>H.264/H.265 5K: 5120×700@24/25/30/48/50p DCI 4K: 4096×2160@24/25/30/48/50/60/120*fps 4K: 3840×2160@24/25/30/48/50/60/120*fps FHD: 1920×1080p@24/25/30/48/50/60/120*/200*fps</p>
<p>* Frame rates above are recording frame rates. Videos will</p>
<p>H.264/H.265 Bitrate: H.264 Max 200Mbps, H.265 Max 140Mbps</p>
<p>exFAT</p>
<p>JPEG/DNG (RAW)</p>
<p>Mavic 3: MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)</p>
<p>Mavic 3 Cine: MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265) MOV (Apple ProRes 422 HQ)</p>
<p>1/2" CMOS,</p>
<p>FOV: 15° Format Equivalent: 162 mm Aperture: f/4.4 Focus: 3 meters to ∞</p>
<p>Video: 100-6400 Still Image: 100-6400</p>
<p>Electronic Shutter: 2-1/8000 s</p>
<p>4000×3000</p>
<p>JPEG</p>
<p>MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)</p>
<p>Single shot: 12MP Photos</p>
<p>H264/H.265 4K: 3840×2160@30 FHD: 1920×1080@30</p>
<p>4 times</p>
<p>3-axis mechanical (tilt, roll, pan)</p>
<p>Tilt: -135° to 100° Roll: -45° to 45° Pan: -27° to 27°</p>
<p>Tilt: -90° to 35° Pan: -5° to 5°</p>
<p>100°/s</p>

OK

±0.007°
Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft
Measurement Range: 0.5-20 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed ≤ 16m/s FOV: Horizontal 90°, Vertical 103°
Measurement Range: 0.5-16 m Effective Sensing Speed: Flight Speed ≤ 14m/s FOV: Horizontal 90°, Vertical 103°
Measurement Range: 0.5-25 m Effective Sensing Speed: Flight Speed ≤ 16m/s FOV: Horizontal 90°, Vertical 85°
Measurement Range: 0.2-10 m Effective Sensing Speed: Flight Speed ≤ 6 m/s FOV: Front and Back 100°, Left and Right 90°
Measurement Range: 0.3-18 m Effective Sensing Speed: Flight Speed ≤ 6 m/s FOV: Front and Back 130°, Left and Right 160°
Forward, Backward, Left, Right, and Upward: Surface with a clear pattern and adequate lighting (lux>15) Downward: Surface with a clear pattern and adequate lighting (lux >15). Diffuse reflective surface with diffuse reflectivity>20% (e.g. wall, tree, person)
O3+
Remote Controller: 1080p@30fps/1080p@60fps
2.400-2.4835 GHz 5.725-5.850 GHz
FCC: 15 km CE: 8 km SRRC: 8 km MIC: 8 km
SDR: 5.5MB/s (with RC-N1 remote controller) 15MB/s (with DJI RC Pro remote controller) Wi-Fi 6: 80MB/s
130 ms (with RC-N1 remote controller) 120 ms (with DJI RC Pro remote controller)
4 antennas, 2T4R

2.4 GHz: ≤33 dBm (FCC); ≤20 dBm (CE/SRRC/MIC) 5.8 GHz: ≤33 dBm (FCC), ≤30 dBm(SRRC), ≤14 dBm(CE)
5000 mAh
15.4 V
17.6 V
LiPo 4S
77 Wh
335.5 g
5° to 40° C (41° to 104° F)
100-240 V AC, 47-63 Hz, 2.0 A
USB-C: 5.0 V=5.0 A/9.0=5.0 A/12.0 V=5.0 A/15.0 V=4.3 A/20.0 V=3.25 A/5.0~20.0 V=3.25 A
USB-A: 5 V=2 A
65 W
USB-C: 5-20 V=5.0 A max
Battery: 12-17.6 V=5.0 A max
65 W
Charges three batteries in sequence
5° to 40° C (41° to 104° F)
Car Power Input: 12.7-16 V=6.5 A, rated voltage 14 V DC
USB-C: 5.0 V=5.0 A/9.0=5.0 A/12.0 V=5.0 A/15.0 V=4.3A/20.0 V=3.25 A/5.0~20.0 V=3.25 A
USB-A: 5 V=2 A
65 W
Approx. 96 minutes
5° to 40° C (41° to 104° F)
SDXC or UHS-I microSD card with a capacity of up to 2 TB (theoretically)

SanDisk Extreme PRO 64GB V30 A2 microSDXC
 SanDisk High Endurance 64GB V30 microSDXC
 SanDisk Extreme 128GB V30 A2 microSDXC
 SanDisk Extreme 256GB V30 A2 microSDXC
 SanDisk Extreme 512GB V30 A2 microSDXC
 Lexar 667x 64GB V30 A2 microSDXC
 Lexar High-Endurance 64GB V30 microSDXC
 Lexar High-Endurance 128GB V30 microSDXC
 Lexar 667x 256GB V30 A2 microSDXC
 Lexar 512GB V30 A2 microSDXC
 Samsung EVO 64GB V30 microSDXC
 Samsung EVO Plus 128GB V30 microSDXC
 Samsung EVO Plus 256GB V30 microSDXC
 Samsung EVO Plus 512GB V30 microSDXC
 Kingston 128GB V30 microSDXC

Capacity: 1 TB

Max Read Speed: 700MB/s*

Max Write Speed: 471MB/s*

* Data refers to the read and write speed inside the aircraft.
 Actual read and write speed of computer and other external
 devices may affect actual speed.

OcuSync 2.0

Without charging any mobile device: 6 hr; when charging
 mobile device: 4 hr

Lightning, Micro USB, USB-C

180×86×10 mm (Length×Width×Height)

0° to 40° C (32° to 104° F)

2.4 GHz:

≤26 dBm (FCC), ≤20 dBm (CE/SRRC/MIC)

5.8 GHz:

≤26 dBm (FCC/SRRC), ≤14 dBm (CE)