

DJI Mini 4K

Under 249 g | Easy To Use | 10 km Video Transmission | Intelligent Modes | 31-Min Max Flight Time | 38 kph (Level 5) Wind Resistance

Aircraft

Takeoff Weight	246 g Standard aircraft weight (including the Intelligent Flight Battery, propellers, and a microSD card). The actual product weight may vary due to differences in batch materials and external factors. Training or examination is not required for flying this product in most countries and regions. Always check local laws and regulations before use.
Dimensions	Folded (without propellers): 138×81×58 mm (L×W×H) Unfolded (with propellers): 245×289×56 mm (L×W×H)
Max Flight Distance	15.7 km
Max Ascent Speed	5 m/s
Max Descent Speed	3.5 m/s
Max Horizontal Speed (at sea level, no wind)	16 m/s The max horizontal speed is subject to dynamic local restrictions. Please abide by local laws and regulations when flying.
Max Takeoff Altitude	4000 m

	2000 m when taking off with propeller guards.
Max Flight Time	<p>31 minutes</p> <p>Measured in a controlled test environment. Specific test conditions are as follows: flying forward at a constant speed of 17 kph in a windless laboratory environment, in photo mode (without photo taking operation during flight), and from 100% battery level until 0%. Results may vary depending on the environment, actual use, and firmware version.</p>
Max Wind Speed Resistance	10.7 m/s (Level 5)
Max Pitch Angle	40°
Operating Temperature	0° to 40° C (32° to 104° F)
Global Navigation Satellite System	GPS + GLONASS + Galileo
Hovering Accuracy Range	<p>Vertical:</p> <p>±0.1 m (with vision positioning) ±0.5 m (with GNSS positioning)</p> <p>Horizontal:</p> <p>±0.3 m (with vision positioning) ±1.5 m (with GNSS positioning)</p>
Internal Storage	N/A
Class	C0 (EU)

Camera

Image Sensor	1/2.3-inch CMOS, Effective Pixels: 12 MP
Lens	FOV: 83° Format Equivalent: 24 mm Aperture: f/2.8 Focus: 1 m to ∞
ISO Range	Video: 100-3200 Photo: 100-3200
Shutter Speed	Electronic Shutter: 4-1/8000 s
Max Image Size	4000×3000
Still Photography Modes	Single Shot: 12 MP Timed: 12 MP JPEG: 2/3/5/7/10/15/20/30/60 s JPEG + RAW: 5/7/10/15/20/30/60 s Automatic Exposure Bracketing (AEB): 12 MP, 3 frames at 2/3 EV step Panorama: Sphere, 180°, and Wide Angle
Photo Format	JPEG/DNG (RAW)
Video Resolution	4K: 3840×2160@24/25/30fps 2.7K: 2720×1530@24/25/30/48/50/60fps

	FHD: 1920×1080@24/25/30/48/50/60fps
Video Format	MP4 (MPEG-4 AVC/H.264)
Max Video Bitrate	100 Mbps
Supported File System	FAT32 (≤ 32 GB) exFAT (> 32 GB)
Digital Zoom	4K: 2× 2.7K: 3× FHD: 4×
Color Mode	Normal
QuickShots Modes	Dronie, Helix, Rocket, Circle, and Boomerang

Gimbal

Stabilization	3-axis mechanical gimbal (tilt, roll, and pan)
Mechanical Range	Tilt: -110° to 35° Roll: -35° to 35° Pan: -20° to 20°
Controllable Range	Tilt: -90° to 0° (default) -90° to 20° (extended)
Max Control Speed (tilt)	100°/s

Angular Vibration Range	±0.01°
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Sensing

Downward	Precise Hovering Range: 0.5-10 m
Operating Environment	Downward: surfaces with discernible patterns, diffuse reflectivity >20% (e.g., walls, trees, people), and adequate lighting (lux >15)

Video Transmission

Video Transmission System	DJI O2
Live View Quality	Remote Controller: 720p/30fps
Operating Frequency	2.400-2.4835 GHz 5.725-5.850 GHz
Transmitter Power (EIRP)	2.400-2.4835 GHz: < 26 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz: < 26 dBm (FCC/SRRC)

	< 14 dBm (CE)
Max Transmission Distance (free of interference)	<p>FCC: 10 km CE: 6 km SRRC: 6 km MIC: 6 km</p> <p>Measured in an unobstructed outdoor environment free of interference. The above data shows the farthest communication range for one-way, non-return flights under each standard. During your flight, please pay attention to RTH reminders in the DJI Fly app.</p>
Max Transmission Distance (with interference)	<p>Strong Interference: urban landscape, approx. 1.5-3 km Medium Interference: suburban landscape, approx. 3-6 km Low Interference: suburb/seaside, approx. 6-10 km</p> <p>Data tested under FCC standard in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee for actual flight distance.</p>
Lowest Latency	<p>Approx. 200 ms</p> <p>Depending on the actual environment and mobile device.</p>

Battery

Capacity	2250 mAh
Weight	82.5 g
Nominal Voltage	7.7 V
Max Charging Voltage	8.8 V

Type	Li-ion
Energy	17.32 Wh
Charging Temperature	5° to 40° C (41° to 104° F)

Battery Charging Hub

Input	5 V, 3 A 9 V, 3 A 12 V, 3 A
Output	USB-A: Max Voltage: 5 V; Max Current: 2 A
Charging Type	Three batteries charged in sequence

Storage

Recommended microSD Cards	16 GB: SanDisk Extreme 32 GB: Samsung PRO Endurance Samsung EVO Plus SanDisk Industrial
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SanDisk Extreme V30 A2
SanDisk Extreme Pro V30 A1
SanDisk Extreme Pro V30 A2
Lexar 633x
Lexar 667x

64 GB:

Samsung PRO Endurance
Samsung EVO Plus
SanDisk Extreme V30 A1
SanDisk Extreme V30 A2
Lexar 633x
Lexar 667x
Lexar 1000x
Lexar High Endurance
Toshiba EXCERIA M303 V30 A1
Netac Pro V30 A1

128 GB:

Samsung EVO Plus
SanDisk Extreme V30 A2
SanDisk Extreme Plus V30 A1
SanDisk Extreme Plus V30 A2
Lexar 633x
Lexar 667x
Lexar 1000x
Lexar High Endurance
Toshiba EXCERIA M303 V30 A1
Netac Pro V30 A1

256GB:

SanDisk Extreme V30 A2

Remote Controller

Max Operating Time	DJI RC-N1C Remote Controller: Without Charging Any Mobile Device: 4 hours When Charging a Mobile Device: 2 hours
Max Supported Mobile Device Size	DJI RC-N1 Remote Controller, DJI RC-N1C Remote Controller 180×86×10 mm (L×W×H)
Operating Temperature	DJI RC-N1 Remote Controller, DJI RC-N1C Remote Controller -10° to 40° C (14° to 104° F)
Transmitter Power (EIRP)	DJI RC-N1 Remote Controller, DJI RC-N1C Remote Controller 2.400-2.4835 GHz: < 26 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz: < 26 dBm (FCC) < 23 dBm (SRRC) < 14 dBm (CE)