



**dji**

**MINI 4  
PRO**



# Aircraft

<b>Takeoff weight</b>	< 249 g
<b>Dimensions</b>	Folded (without propellers): 148×94×64 mm (L×W×H) Unfolded (with propellers): 298×373×101 mm (L×W×H)
<b>Max Ascent Speed</b>	5 m/s (S Mode), 5 m/s (N Mode), 3 m/s (C Mode)
<b>Max Descent Speed</b>	5 m/s (S Mode), 5 m/s (N Mode), 3 m/s (C Mode)
<b>Max Horizontal Speed (at sea level, no wind)</b>	16 m/s (S Mode), 12 m/s (N Mode), 12 m/s (C Mode)
<b>Max Takeoff Altitude</b>	With DJI Mini 4 Pro Intelligent Flight Battery: 4000 m With DJI Mini 3 Series Intelligent Flight Battery Plus*: 3000 m
<b>Max Flight Time</b>	34 minutes (with Intelligent Flight Battery) 45 minutes (with Intelligent Flight Battery Plus)*
<b>Max Hovering Time</b>	30 minutes (with Intelligent Flight Battery) 39 minutes (with Intelligent Flight Battery Plus)*
<b>Max flight distance</b>	8 km (with Intelligent Flight Battery and measured while flying at 40.7 kph in a windless environment at 20 meters above sea level) 25 km (with Intelligent Flight Battery Plus* and measured while flying at 44.3 kph in a windless environment at 20 meters above sea level)
<b>Max Wind Speed Resistance</b>	10.7 m/s
<b>Operating temperature range</b>	-10° to 40° C (14° to 104° F)
<b>Max Pitch Angle</b>	35°
<b>Global Navigation Satellite System</b>	GPS + Galileo + BeiDou
<b>Hovering accuracy</b>	Vertical: ±0.1 m (with vision positioning) ±0.5 m (with GNSS positioning) Horizontal: ±0.1 m (with vision positioning) ±0.5 m (with GNSS positioning)



# Sensing system

<b>Sensing system type</b>	<b>Omnidirectional binocular vision system, supplemented with a 3D infrared sensor at the bottom of the aircraft</b>
<b>Forward</b>	<b>Measurement Range: 0.5-18 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed <math>\leq</math> 12 m/s FOV: Horizontal 90°, Vertical 72°</b>
<b>Backward</b>	<b>Measurement Range: 0.5-15 m Effective Sensing Speed: Flight Speed <math>\leq</math> 12 m/s FOV: Horizontal 90°, Vertical 72°</b>
<b>Upward</b>	<b>Measurement Range: 0.5-15 m Effective Sensing Speed: Flight Speed <math>\leq</math> 5 m/s FOV: Front and Back 72°, Left and Right 90°</b>
<b>Downward</b>	<b>Measurement Range: 0.3-12 m Effective Sensing Speed: Flight Speed <math>\leq</math> 5 m/s FOV: Front and Back 106°, Left and Right 90°</b>
<b>Lateral</b>	<b>Measurement Range: 0.5-12 m Effective Sensing Speed: Flight Speed <math>\leq</math> 12 m/s FOV: Horizontal 90°, Vertical 72°</b>
<b>Operating Environment</b>	<b>Forward, Backward, Left, Right, and Upward: Surfaces with discernible patterns and adequate lighting (lux &gt; 15) Downward: Surfaces with discernible patterns, diffuse reflectivity &gt; 20% (e.g. walls, trees, people), and adequate lighting (lux &gt; 15)</b>
<b>3D Infrared Sensor</b>	<b>Measurement Range: 0.1-8 m (reflectivity &gt; 10%) FOV: Front and Back 60°, Left and Right 60°</b>



# Camera

<b>Image Sensor</b>	1/1.3-inch CMOS, Effective Pixels: 48 MP
<b>Lens</b>	FOV: 82.1° Format Equivalent: 24 mm Aperture: f/1.7 Focus: 1 m to ∞
<b>ISO range</b>	<b>Video</b> Normal and Slow Motion: 100-6400 (Normal)100-1600 (D-Log M) 100-1600 (HLG) Night:100-12800 (Normal) <b>Photo</b> 12 MP: 100-6400 48 MP: 100-3200
<b>Shutter Speed</b>	12MP Photo: 1/16000-2 s (2.5-8 s for simulated long exposure) 48MP Photo: 1/8000-2 s
<b>Still Photography Modes</b>	Single Shot: 12 MP and 48 MP Burst Shooting: 12 MP, 3/5/7 frames 48 MP, 3 frames Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames at 0.7 EV step 48 MP, 3 frames at 0.7 EV step Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s 48 MP, 5/7/10/15/20/30/60 s
<b>Photo format</b>	JPEG/DNG (RAW)
<b>Video Resolution</b>	H.264/H.265 4K: 3840×2160@24/25/30/48/50/60/100*fps FHD: 1920×1080@24/25/30/48/50/60/100*/200*fps
<b>Video format</b>	MP4 (MPEG-4 AVC/H.264, HEVC/H.265)
<b>Supported File System</b>	exFAT
<b>Digital Zoom</b>	12MP Photo: 1-2x ,4K: 1-3x ,FHD: 1-4x
<b>Color Mode and Sampling Method</b>	Normal: 8-bit 4:2:0 (H.264/H.265) HLG/D-Log M: 10-bit 4:2:0 (H.265)
<b>Max Video Bitrate</b>	H.264/H.265: 150 Mbps



## Remote controller

<b>Max Operating Time</b>	Without charging any mobile device: 6 hours When charging a mobile device: 3.5 hours
<b>Max Supported Mobile Device Size</b>	180×86×10 mm (L×W×H)
<b>Transmission power</b>	2.4 GHz: < 33 dBm (FCC) < 20 dBm (CE/SRRC/MIC)  5.1 GHz: < 23 dBm (CE)  5.8 GHz: < 33 dBm (FCC) < 14 dBm (CE) < 30 dBm (SRRC)
<b>Video Transmission Operating Frequency</b>	2.4000-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 Ghz
<b>Supported Mobile Device Port Type</b>	Lightning, USB-C, Micro-USB
<b>Battery Capacity</b>	18.72 Wh (3.6 V, 2600 mAh × 2)
<b>Charging Type</b>	It is recommended to use a 5V/2A charger.
<b>Charging Time</b>	2.5 hours
<b>Charging Temperature</b>	5° to 40° C (41° to 104° F)
<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)

# Gimbal

<b>Mechanical Range</b>	Tilt: -135° to 80° Roll: -135° to 45° Pan: -30° to 30°
<b>Controllable Range</b>	Tilt: -90° to 60° Roll: -90° or 0°
<b>Stabilization System</b>	3-axis mechanical gimbal (tilt, roll, pan)
<b>Max Control Speed (Tilt)</b>	100°/s
<b>Angular Vibration Range</b>	±0.01°

# Charger

<b>Input</b>	5 V, 3 A 9 V, 3 A 12 V, 3 A
<b>Output</b>	USB-A: Max Voltage: 5 V; Max Current: 2 A
<b>Charging Type</b>	Three batteries charged in sequence.
<b>Compatibility</b>	DJI Mini 4 Pro Intelligent Flight Battery, DJI Mini 3 Series Intelligent Flight Battery/Intelligent Flight Battery Plus

# Storage

<b>SD storage</b>	<p>SanDisk Extreme PRO 32GB V30 U3 A1 microSDHC  Lexar 1066x 64GB V30 U3 A2 microSDXC  Lexar 1066x 128GB V30 U3 A2 microSDXC  Lexar 1066x 256GB V30 U3 A2 microSDXC  Lexar 1066x 512GB V30 U3 A2 microSDXC  Kingston Canvas GO! Plus 64GB V30 U3 A2 microSDXC  Kingston Canvas GO! Plus 128GB V30 U3 A2 microSDXC  Kingston Canvas React Plus 64GB V90 U3 A1 microSDXC  Kingston Canvas React Plus 128GB V90 U3 A1 microSDXC  Kingston Canvas React Plus 256GB V90 U3 A1 microSDXC  Samsung EVO Plus 512GB V30 U3 A2 microSDXC</p>
<b>Internal Storage</b>	2 GB





# Battery

<b>Compatible Battery</b>	DJI Mini 4 Pro Intelligent Flight Battery, DJI Mini 3 Series Intelligent Flight Battery Plus*
<b>Capacity</b>	Intelligent Flight Battery: 2590 mAh Intelligent Flight Battery Plus*: 3850 mAh
<b>Nominal Voltage</b>	Intelligent Flight Battery: 7.32 V Intelligent Flight Battery Plus*: 7.38 V
<b>Weight</b>	Intelligent Flight Battery: approx. 77.9 g Intelligent Flight Battery Plus*: approx. 121 g
<b>Battery type</b>	Li-ion
<b>Energy</b>	Intelligent Flight Battery: 18.96 Wh Intelligent Flight Battery Plus*: 28.4 Wh
<b>Charging temperature range</b>	5° to 40° C (41° to 104° F)
<b>Charging time</b>	<p><b>Intelligent Flight Battery:</b> 70 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 58 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub)</p> <p><b>Intelligent Flight Battery Plus*:</b> 101 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 78 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub)</p>

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