

DJI MAVIC 4 PRO



Prepared By :

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Introduction

The DJI Mavic 4 Pro Fly More Combo (DJI RC 2) is the ultimate drone package for professionals and enthusiasts who demand unmatched imaging quality, extended flight time, and intelligent flight features. With its triple-lens Hasselblad camera system, 6K/60fps HDR recording, and 51-minute max flight time, this flagship drone sets a new benchmark for aerial photography and videography.

The DJI Mavic 4 Pro Fly More Combo (DJI RC 2) stands as a pinnacle of drone technology, crafted for professionals and enthusiasts who demand unparalleled imaging quality, extended flight capabilities, and cutting-edge intelligent features. This flagship drone redefines aerial photography and videography, offering a comprehensive package that blends advanced hardware with innovative software to deliver breathtaking results. With its triple-lens Hasselblad camera system, robust flight performance, and a suite of accessories, the Mavic 4 Pro Fly More Combo is engineered to elevate creative potential and meet the needs of even the most discerning users.

The Fly More Combo enhances the Mavic 4 Pro's value by including essential accessories that cater to professional needs. Extra batteries extend flight sessions, while the fast charger and ND filters ensure users are equipped for diverse shooting conditions. The RC 2 controller, with its high-resolution mini-LED display, offers an intuitive interface for monitoring and controlling the drone, even in bright sunlight. These additions make the combo a complete solution for professionals who require reliability and flexibility in the field.

Introduction

At the heart of the DJI Mavic 4 Pro is its exceptional triple-camera system, headlined by a 100MP Hasselblad 4/3 CMOS main camera. This sensor captures images with remarkable clarity, depth, and true-to-life colors, thanks to the Hasselblad Natural Color Solution (HNCS). Whether shooting expansive landscapes or intricate details, the camera ensures every frame is rich with detail and dynamic range. Complementing the main camera are dual telephoto lenses—a 48MP and a 50MP sensor—that enable seamless zoom transitions from wide-angle to long-range shots. This versatility allows users to capture diverse perspectives without sacrificing quality, making it ideal for everything from cinematic storytelling to detailed inspections. The system supports 6K/60fps HDR video recording, delivering ultra-smooth, vibrant footage that meets professional filmmaking standards. With 10-bit D-Log and All-I 4:2:2 encoding, the Mavic 4 Pro offers greater flexibility in post-production, enabling filmmakers to achieve precise color grading and cinematic dynamic range. The precision autofocus ensures sharp tracking of fast-moving subjects, even in challenging environments, making this drone a powerful tool for capturing dynamic scenes.

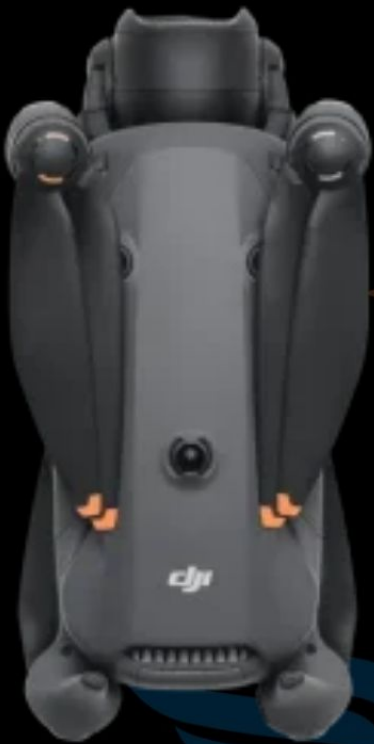
The Mavic 4 Pro also excels in its build and design, balancing portability with durability. Its compact form factor makes it easy to carry, while its robust construction ensures it can withstand demanding conditions. The combination of advanced hardware, such as the large CMOS sensor and LiDAR system, with intelligent software, like AI-powered tracking and professional-grade color encoding, positions the Mavic 4 Pro as a versatile tool for creators. Whether used for filmmaking, aerial surveying, or creative photography, this drone delivers unmatched performance.

INTRODUCTION

Flight performance is another standout aspect of the DJI Mavic 4 Pro. With a maximum flight time of 51 minutes, the drone offers extended aerial sessions, allowing users to explore and capture more without frequent landings. The optimized battery efficiency ensures reliable performance, while the included parallel charging hub allows simultaneous charging of three batteries, minimizing downtime. The power bank mode adds versatility, enabling the drone's batteries to charge other devices on the go. With 240W fast charging, users can quickly power up and return to the air, making the Mavic 4 Pro ideal for time-sensitive projects. The drone's 30km O4+ transmission system delivers ultra-low latency and long-range connectivity, ensuring a stable connection even in remote locations. This extended range, combined with the RC 2 controller's 7" mini-LED display, provides bright, real-time monitoring for precise control and framing.

The Mavic 4 Pro's intelligent flight features further enhance its appeal, providing users with tools to fly smarter and shoot better. The 360° infinity gimbal offers full rotational freedom and a 70° upward tilt, enabling creative angles for architectural shots, vertical compositions, or sweeping panoramas. The ActiveTrack 360° system, powered by AI, allows the drone to follow subjects with precision, even in low-light conditions, thanks to its 0.1-lux night vision and LiDAR-based sensing. This advanced obstacle avoidance system, which incorporates 360° LiDAR, ensures safe navigation in complex environments, including fog or dim lighting. Whether flying in dense urban settings or open natural landscapes, the drone's enhanced safety features provide confidence, allowing users to focus on capturing the perfect shot. The low-light lock-on capability further ensures clear imaging in near-darkness, expanding creative possibilities for nighttime or twilight shoots.

IN THE BOX



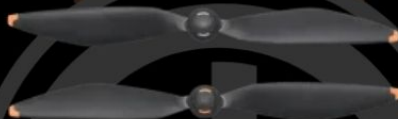
DJI Mavic 4 Pro × 1



DJI RC 2 Remote Controller × 1



DJI Intelligent Flight Batteries × 3



DJI Mavic 4 Pro Spare Propellers (Pair) × 4



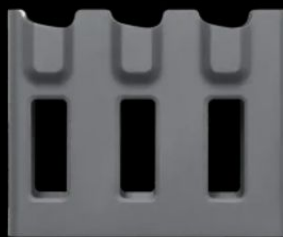
DJI Mavic 4 Pro Storage Cover × 1



DJI Mavic Shoulder Bag × 1



DJI 100W USB-C Power Adapter × 1



DJI Mavic 4 pro Parallel Charging Hub × 1



USB-C Data Cables × 1



AIRCRAFT

Takeoff Weight	Approx. 1063 g
Dimensions	Folded (with propellers): 257.6×124.8×106.6 mm (L×W×H) Folded (without propellers): 257.6×124.8×103.4 mm (L×W×H) Unfolded (without propellers): 328.7×390.5×135.2 mm (L×W×H)
Max Ascent Speed	10 m/s (Sport Mode) 6 m/s (Normal Mode) 6 m/s (Cine Mode)
Max Descent Speed	10 m/s (Sport Mode) 6 m/s (Normal Mode) 6 m/s (Cine Mode)
Max Horizontal Speed (at sea level, no wind)	At sea level, in windless conditions: 25 m/s (Sport Mode) 15 m/s (tracking status) At sea level, with 2 m/s tailwind, flying in wind direction: 27 m/s (Sport Mode) 15 m/s (tracking status)
Max Takeoff Altitude	6000 m
Max Flight Time	51 minutes
Max Hovering Time	45 minutes



AIRCRAFT:-

Max Flight Distance	41 km
Max Wind Speed Resistance	12 m/s (39.4 ft/s)
Max Pitch Angle	35°
Operating Temperature	-10 °C to 40 °C (14 °F to 104 °F)
Global Navigation Satellite System	GPS + Galileo + BeiDou
Hovering Accuracy Range	Vertical: ±0.1 m (with vision positioning) ±0.5 m (with satellite positioning) Horizontal: ±0.3 m (with vision positioning) ±0.5 m (with satellite positioning)
Internal Storage	Mavic 4 Pro: 64GB (approx. 42GB usable) Mavic 4 Pro 512GB (Creator Combo): 512GB (approx. 460GB usable)
Class	C2 (EU)

CAMERA

Image Sensor	<p>Hasselblad Camera: 4/3 CMOS, Effective Pixels: 100 MP Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Tele Camera: 1/1.5-inch CMOS, Effective Pixels: 50 MP</p>
Lens	<p>Hasselblad Camera: FOV: 72°, Format Equivalent: 28 mm, Aperture: f/2.0 to f/11, Focus: 2 m to ∞ Medium Tele Camera: FOV: 35°, Format Equivalent: 70 mm, Aperture: f/2.8, Focus: 3 m to ∞ Tele Camera: FOV: 15°, Format Equivalent: 168 mm, Aperture: f/2.8, Focus: 3 m to ∞</p>
ISO Range	<p>Hasselblad Camera – Video: Normal: <u>100-12800</u> (Normal), <u>400-6400</u> (D-Log), <u>100-6400</u> (D-Log M), <u>100-6400</u> (HLG) Slow Motion: <u>100-6400</u> (Normal), <u>400-3200</u> (D-Log), <u>100-3200</u> (D-Log M), <u>100-3200</u> (HLG) Photo: <u>100-6400</u> (25 MP), <u>100-3200</u> (100 MP)</p> <p>Medium Tele Camera & Tele Camera – Video: Normal: <u>100-12800</u> (Normal), <u>400-3200</u> (D-Log), <u>100-3200</u> (D-Log M), <u>100-3200</u> (HLG) Slow Motion: <u>100-6400</u> (Normal), <u>400-3200</u> (D-Log), <u>100-3200</u> (D-Log M), <u>100-3200</u> (HLG) Photo: <u>100-6400</u> (12 MP), <u>100-3200</u> (48 MP/50 MP)</p>
Photo Format	JPEG, DNG (RAW)
Digital Zoom	<p>Hasselblad Camera: 1x to 2.5x Medium Tele Camera: 2.5x to 6x Tele Camera: 6x to 24x</p>

CAMERA :-

<p>Shutter Speed</p>	<p>Hasselblad Camera: 25MP: 1/16000–16 s (long exposure), 100MP: 1/8000–8 s AEB/Burst/Timed: 1/16000–8 s (25 MP), 1/8000–8 s (100 MP)</p> <p>Medium Tele Camera: 12 MP: 1/16000–8 s, 48 MP: 1/8000–2 s AEB/Burst/Timed: 1/16000–2 s (12 MP), 1/8000–2 s (48 MP)</p> <p>Tele Camera: 12.5 MP: 1/16000–8 s, 50 MP: 1/16000–2 s AEB/Burst/Timed: 1/16000–2 s</p>
<p>Still Photography Modes</p>	<p>Hasselblad Camera: Single Shot (25 MP/100 MP), AEB (3/5/7 frames), Burst, Timed (1–60 sec)</p> <p>Medium Tele Camera: Single Shot (12 MP/48 MP), AEB, Burst, Timed (1–60 sec)</p> <p>Tele Camera: Single Shot (12.5 MP/50 MP), AEB, Burst, Timed (1–60 sec)</p>
<p>Color Mode & Sampling Method –</p>	<p>All Cameras: Normal Color: 10-bit 4:2:2 (H.264 ALL-I), 10-bit 4:2:0 (H.265), 8-bit 4:2:0 (H.264) HLG/D-Log/D-Log M: 10-bit 4:2:2 (H.264 ALL-I), 10-bit 4:2:0 (H.265) *H.264 ALL-I supported only on Mavic 4 Pro 512GB (Creator Combo)</p>
<p>Supported File System</p>	<p>exFAT</p>

CAMERA :-

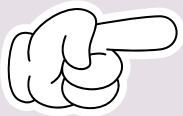
Max Image Size	Hasselblad Camera: 12288 × 8192 Medium Tele Camera: 8064 × 6048 Tele Camera: 8192 × 6144
Video Resoultion	Hasselblad Camera: 6K: 6016×3384@24/25/30/48/50/60fps DCI 4K: 4096×2160@up to 120fps 4K: 3840×2160@up to 120fps FHD: 1920×1080@up to 60fps 4K Vertical: 2160×3840@up to 60fps Medium Tele Camera: 4K: 3840×2160@up to 120fps FHD: 1920×1080@up to 60fps Vertical: 1512×2688@up to 60fps Tele Camera: 4K: 3840×2160@up to 100fps FHD: 1920×1080@up to 60fps Vertical: 1512×2688@up to 60fps
Video Format	MP4 (H.264 ALL-I/H.264 Standard/H.265 Standard) *H.264 ALL-I supported only on Mavic 4 Pro 512GB (Creator Combo)
Max Video bitrate	H.264 Standard: 90 Mbps H.265 Standard: 180 Mbps H.264 ALL-I: 1200 Mbps

COMPARISON BETWEEN DJI MAVIC 4 PRO RC2 AND RC PRO 2

Features	Fly More Combo (RC2)	Creator Combo (RC Pro 2)
Controller	RC 2: 5.5" FHD, 700 nits	RC Pro 2: 7" mini-LED, 2000 nits, rotatable, HDMI, 128 GB internal memory, simulator, DJI Mic support
Onboard Storage	64 GB	512 GB SSD (~460 GB usable)
Encoding	Standard encoding (no ALL-I)	ALL-I + 10-bit 4:2:2 capture (better for color grading)
Charging Setup	100W adapter, standard hub	240W hub, 3-battery charging in 90 min
Camera & Flight	-	Identical on both: 100 MP Hasselblad 4/3 + 48 MP & 50 MP tele lenses; 6 K/60 fps video, 51 min flight, O4+ transmission, 360° infinity gimbal, omnidirectional LiDAR avoidance



WHICH ONE SHOULD YOU CHOOSE?

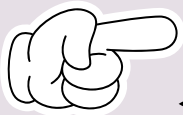


Go for the Creator Combo (RC Pro 2) if you :-

Need professional-level control : larger, brighter, rotatable 7" display, HDMI output, simulator, and DJI Mic support.

Shoot high-end projects—512 GB SSD and ALL-I enable smoother workflows.

Want fastest charging of multiple batteries.



Choose the Fly-More Combo (RC 2) if you :-

Choose the Fly-More Combo (RC 2) if you :

Want the same imaging and flight performance at a lower price.

Are fine with smaller storage and simpler controller features.

Prefer weight savings from a lighter, compact controller.

Flight Specs: You get the same 6 K/60 fps video, 360° gimbal, 51-min flight, LiDAR-assisted obstacle sensing, and up to 30 km O4+ transmission on both bundles



GIMBAL :-

<p>Stabilization</p>	<p>Equipped with a 3-axis mechanical gimbal (tilt, roll, pan), this system ensures ultra-smooth footage and professional-grade stability in all flight conditions.</p>
<p>Mechanical Range</p>	<p>Tilt: -164° to 160° Roll: -90° to 450° Pan: -22° to 22°</p>
<p>Controllable Range</p>	<p>Tilt: -90° to 70° Roll: -40° to 400°</p>
<p>Max Control Speed (tilt)</p>	<p>Tilt & Roll: $100^{\circ}/s$ for rapid and precise directional adjustments</p>
<p>Angular Vibration Range</p>	<p>Hovering Without Wind: $\pm 0.001^{\circ}$ Normal Mode: $\pm 0.003^{\circ}$ Sport Mode: $\pm 0.005^{\circ}$</p>



SENSOR : —

<p>Sensing Type</p>	<p>Omnidirectional binocular vision system supported by forward-facing LiDAR and a downward infrared sensor for comprehensive obstacle detection and situational awareness.</p>
<p>Forward Sensing</p>	<p>Measurement Range: 0.5–24 m Detection Range: 0.5–200 m Effective Sensing Speed: Flight Speed \leq 18 m/s FOV: Horizontal 180°, Vertical 180°</p>
<p>Backward Sensing</p>	<p>Measurement Range: 0.5–22 m Detection Range: 0.5–200 m Effective Sensing Speed: Flight Speed \leq 18 m/s FOV: Horizontal 180°, Vertical 180°</p>
<p>Lateral Sensing</p>	<p>Measurement Range: 0.5–21 m Detection Range: 0.5–200 m Effective Sensing Speed: Flight Speed \leq 18 m/s FOV: Horizontal 180°, Vertical 180°</p>



SENSOR :-

Upward Sensing	<p>Measurement Range: 0.5–18 m</p> <p>Effective Sensing Speed: Flight Speed \leq 6 m/s</p> <p>FOV: Horizontal 90°, Vertical 90°</p>
Downward Sensing	<p>Measurement Range: 0.5–17 m</p> <p>Effective Sensing Speed: Flight Speed \leq 6 m/s</p> <p>FOV: Horizontal 180°, Vertical 180°</p>
3D Infrared Sensing System	<p>Forward-Facing LiDAR: Measurement Range (night): 0.5–25 m (reflectivity > 10%)</p> <p>FOV: Up and Down 60°, Left and Right 60°</p>
Downward-Facing Infrared Sensor	<p>Measurement Range: 0.3–8 m (reflectivity > 10%)</p> <p>FOV: Front and Back 60°, Left and Right 60°</p>
Operating Environment	<p>Forward, Backward, Left, Right, and Upward: Surfaces with discernible patterns and adequate lighting (lux > 0.1)</p> <p>Downward: Surfaces with patterns, diffuse reflectivity > 20% (e.g. walls, trees, people), and good lighting (lux > 0.1)</p>

VIDEO TRANSMISSION :-

Video Transmission System	Utilizes the advanced O4+ transmission system for ultra-stable live video feed and low-latency connectivity.
Live View Quality	Remote Controller supports 1080p/30fps and 1080p/60fps high-definition live video feed.
Operating Frequency	2.4000–2.4835 GHz 5.170–5.250 GHz 5.725–5.850 GHz *Frequencies vary by region. Always refer to local regulations.
Transmission power (EIRP)	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)
Max Transmission Distance (Unobstructed, No Interference)	FCC: 30 km CE/SRRC/MIC: 15 km
Max Transmission Distance (Unobstructed, With Interference)	Strong Interference (Urban): Approx. 1.5–6 km Medium Interference (Suburban): Approx. 6–15 km Low Interference (Seaside/Suburb): Approx. 15–30 km
Max Transmission Distance (Obstructed, With Interference)	Obstructed by Buildings: Approx. 0–0.7 km Obstructed by Trees: Approx. 0.7–4.5 km
Max Download Speed	O4+: Up to 10 MB/s Wi-Fi 6: Up to 80 MB/s
Antenna Configuration	Equipped with 6 antennas featuring 2T4R (2 Transmit, 4 Receive) design for robust connectivity and range.

BATTERY :-

Capacity	6654 mAh
Weight	Approx. 332 g
Nominal voltage	14.32 V
Max. Charging Voltage	17.2 V
Battery Type	Li-ion 4S
Energy	95.3 Wh
Charging Temperature	5° to 40° C (41° to 104° F)
Charging Time	<p>Using the DJI Mavic 240W Power Adapter with no other devices connected to the charger or the Charging Hub's USB-C port: From 0% to 100%: 1 battery takes about 51 minutes, 3 batteries take about 90 minutes (200 V to 240 V input) or about 110 minutes (100 V to 127 V input)</p> <p>Using DJI 100W USB-C Power Adapter: From 0% to 100%: 1 battery takes about 80 minutes</p> <p>Charging via the aircraft (65W max charging power): From 0% to 100%: 115 minutes</p> <p>Charging time is measured in a test environment with a temperature of 25°C. Actual charging time may increase due to higher ambient temperatures or variations in mains voltage between regions.</p>

CHARGING HUB

Input	USB-C Port: 5 V to 20 V, max 5 A Mini SDC Port: 11.2 V to 17.6 V, max 15 A
Output	Battery Port: 10 V to 17.2 V, max 12 A
Rated Power	USB-C Port: Supports up to 100 W Mini SDC Port: Supports up to 240 W/15 A
Charging Type	When used with the DJI Mavic 240W Power Adapter: Supports parallel charging of three batteries (The Parallel Charging Hub will prioritize the battery with the lowest charge and switch to parallel charging once all three batteries reach the same charge level.) When used with the DJI 100W USB-C Power Adapter: Charges three batteries in sequence.
Compatible Batteries	DJI Mavic 4 Pro Intelligent Flight Battery

WI-FI

Protocol	Supports 802.11 a/b/g/n/ac/ax Wi-Fi standards for fast and stable wireless communication.
Operating Frequency	2.4000–2.4835 GHz 5.725–5.850 GHz *Operating frequencies vary by region. Always follow local regulations.
Transmitter Power (EIRP)	2.4 GHz: < 23 dBm (FCC), < 20 dBm (CE/SRRC/MIC) 5.8 GHz: < 23 dBm (FCC/SRRC), < 14 dBm (CE)

STORAGE

Storage

Recommended microSD Cards –

- Lexar Silver plus 64GB A2 V30 microSDXC
- Lexar Silver plus 128GB A2 V30 microSDXC
- Lexar Silver plus 256GB A2 V30 microSDXC
- Lexar Silver plus 512GB A2 V30 microSDXC
- Lexar Silver plus 1TB A2 V30 microSDXC
- Kingston CANVAS GO! Plus 64GB A2 V30 microSDXC
- Kingston CANVAS GO! Plus 128GB A2 V30 microSDXC
- Kingston CANVAS GO! Plus 256GB A2 V30 microSDXC
- Kingston CANVAS GO! Plus 512GB A2 V30 microSDXC

BLUETOOTH

Protocol	Supports Bluetooth 5.1 for efficient and stable short-range wireless communication.
Operating Frequency	2.4000–2.4835 GHz <i>*Operating frequency may vary by region. Please comply with local regulations.</i>
Transmitter Power (EIRP)	< 10 dBm

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