

Specs

Aircraft

Takeoff Weight	Approx. 1063 g <small>Product weight may vary due to differences in batch materials and other factors.</small>
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, in windless conditions: 25 m/s* (Sport Mode) 15 m/s (tracking status) At sea level, with 2 m/s tailwind, while flying in the same direction as the wind: 27 m/s* (Sport Mode) 15 m/s (tracking status) <small>*Reference only. Always pay attention to the aircraft's takeoff and flight altitude of 0 m and ascending vertically by 1.5 m in Sport mode. Data is for reference only.</small>
Max Takeoff Altitude	6000 m <small>Maximum takeoff altitude is 3000 m with DJI Mavic 4 Pro Propeller Guards.</small>
Max Flight Time	51 minutes <small>Measured by the head of the battery level indicator. It can be affected by the battery level, the environment, the aircraft's weight, and the flight mode.</small>
Max Hovering Time	45 minutes <small>Measured by the head of the battery level indicator. It can be affected by the battery level, the environment, the aircraft's weight, and the flight mode.</small>
Max Flight Distance	41 km <small>Measured by the head of the battery level indicator. It can be affected by the battery level, the environment, the aircraft's weight, and the flight mode.</small>
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 (available storage space is approximately 42GB)
Mavic 4 Pro 512GB (Creator Combo): 512GB (available storage space is approximately 460GB)

Class C2 (EU)

Camera

Image Sensor 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

Lens 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 ∞

ISO Range Hasselblad Camera
Video
Normal:
100-12800 (Normal)
400-6400 (D-Log)
100-6400 (D-Log M)
100-6400 (HLG)
Slow Motion:
100-6400 (Normal)
400-3200 (D-Log)
100-3200 (D-Log M)
100-3200 (HLG)

Photo
100-6400 (25 MP)
100-3200 (100 MP)

Medium Tele Camera and Tele Camera
Video
Normal:
100-12800 (Normal)
400-3200 (D-Log)
100-3200 (D-Log M)
100-3200 (HLG)
Slow Motion:
100-6400 (Normal)
400-3200 (D-Log)
100-3200 (D-Log M)
100-3200 (HLG)

Photo
100-6400 (12 MP)
100-3200 (48 MP and 50 MP)

Shutter Speed

Hasselblad Camera
25MP Single Shot: 1/16000-16 s (over 2 s for simulated long exposure)
100MP Single Shot: 1/8000-8 s
25 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-8 s
100 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/8000-8 s

Medium Tele Camera
12 MP Single Shot: 1/16000-8 s (over 2 s for simulated long exposure)
48 MP Single Shot: 1/8000-2 s
12 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-2 s
48 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/8000-2 s

Tele Camera
12.5 MP Single Shot: 1/16000-8 s (over 1 s for simulated long exposure)
50 MP Single Shot: 1/16000-2 s
12.5 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-2 s
50 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-2 s

Max Image Size

Hasselblad Camera: 12288 × 8192
Medium Tele Camera: 8064 × 6048
Tele Camera: 8192 × 6144

Still Photography Modes

Hasselblad Camera
Single Shot: 25 MP, 100 MP
Automatic Exposure Bracketing (AEB): 25 MP, 3/5/7 frames at 0.7 EV step; 100 MP, 3/5 frames at 0.7 EV step
Burst Shooting: 25 MP, 3/5/7 frames; 100 MP, 3/5 frames
Timed: 25 MP, 1 (Mavic 4 Pro 512GB)/2/3/5/7/10/15/20/30/60 seconds; 100 MP, 2 (Mavic 4 Pro 512GB)/3 (Mavic 4 Pro 512GB)/5 (Mavic 4 Pro 512GB)/7 (Mavic 4 Pro 512GB)/10/15/20/30/60 seconds

Medium Tele Camera
Single Shot: 12 MP, 48 MP
Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames at 0.7 EV step; 48 MP, 3/5/7 frames at 0.7 EV step
Burst Shooting: 12 MP, 3/5/7 frames; 48 MP, 3/5/7 frames
Timed: 12 MP, 1 (Mavic 4 Pro 512GB)/2/3/5/7/10/15/20/30/60 seconds; 48 MP, 1 (Mavic 4 Pro 512GB)/2 (Mavic 4 Pro 512GB)/3 (Mavic 4 Pro 512GB)/5/7/10/15/20/30/60 seconds

Tele Camera
Single Shot: 12.5 MP, 50 MP
Auto Exposure Bracketing (AEB): 12.5 MP, 3/5/7 frames at 0.7 EV step; 50 MP, 3/5/7 frames at 0.7 EV step
Burst Shooting: 12.5 MP, 3/5/7 frames; 50 MP, 3/5/7 frames
Timed: 12.5 MP, 1 (Mavic 4 Pro 512GB)/2/3/5/7/10/15/20/30/60 seconds; 50 MP, 1 (Mavic 4 Pro 512GB)/2 (Mavic 4 Pro 512GB)/3 (Mavic 4 Pro 512GB)/5/7/10/15/20/30/60 seconds

Photo Format

JPEG
DNG (RAW)

Video Resolution

Hasselblad Camera
H.264 ALL-I/H.265 Standard*
6K: 6016×3384@24/25/30/48/50/60fps
DCI 4K: 4096×2160@24/25/30/48/50/60/120**fps
4K: 3840×2160@24/25/30/48/50/60/120**fps
FHD: 1920×1080@24/25/30/48/50/60fps
4K Vertical Shooting: 2160×3840@24/25/30/48/50/60fps
H.264 Standard
FHD: 1920×1080@24/25/30/48/50/60fps

Medium Tele Camera
H.264 ALL-I/H.265 Standard*
4K: 3840×2160@24/25/30/48/50/60/120**fps
FHD: 1920×1080@24/25/30/48/50/60fps
2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps
H.264 Standard
FHD: 1920×1080@24/25/30/48/50/60fps
2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps

Tele Camera

H.264 ALL-I/H.265 Standard*
4K: 3840×2160@24/25/30/48/50/60/100**fps
FHD: 1920×1080@24/25/30/48/50/60fps
2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps
H.264 Standard
FHD: 1920×1080@24/25/30/48/50/60fps
2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps
*Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.
**Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.

Video Format

MP4 (H.264 ALL-I/H.264 Standard/H.265 Standard)

Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.

Max Video Bitrate

H.264 Standard Bitrate: 90 Mbps

H.265 Standard Bitrate: 180 Mbps

H.264 ALL-I Bitrate: 1200 Mbps

Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.

Supported File System

exFAT

Color Mode and Sampling Method

Hasselblad Camera

Normal Color:

10-bit 4:2:2 (H.264 ALL-I)

10-bit 4:2:0 (H.265 Standard)

8-bit 4:2:0 (H.264 Standard)

HLG/D-Log M/D-Log:

10-bit 4:2:2 (H.264 ALL-I)

10-bit 4:2:0 (H.265 Standard)

Medium Tele Camera

Normal Color:

10-bit 4:2:2 (H.264 ALL-I)

10-bit 4:2:0 (H.265 Standard)

8-bit 4:2:0 (H.264 Standard)

HLG/D-Log M/D-Log:

10-bit 4:2:2 (H.264 ALL-I)

10-bit 4:2:0 (H.265 Standard)

Tele Camera

Normal Color:

10-bit 4:2:2 (H.264 ALL-I)

10-bit 4:2:0 (H.265 Standard)

8-bit 4:2:0 (H.264 Standard)

HLG/D-Log M/D-Log:

10-bit 4:2:2 (H.264 ALL-I)

10-bit 4:2:0 (H.265 Standard)

Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.

Digital Zoom

Hasselblad Camera: 1x to 2.5x

Medium Tele Camera: 2.5x to 6x

Tele Camera: 6x to 24x

Gimbal

Stabilization

3-axis mechanical gimbal (tilt, roll, pan)

Mechanical Range

Tilt: -164° to 160°

Roll: -90° to 450°

Pan: -22° to 22°

Controllable Range

Tilt: -90° to 70°

Roll: -40° to 400°

Max Control Speed

Tilt: 100°/s

Roll: 100°/s

Angular Vibration Range Hovering Without Wind: $\pm 0.001^\circ$
Normal Mode: $\pm 0.003^\circ$
Sport Mode: $\pm 0.005^\circ$

Sensing

Sensing Type Omnidirectional binocular vision system, supplemented with forward-facing LiDAR and an infrared sensor at the bottom of the aircraft

Forward Measurement Range:
0.5-24 m
Detection Range:
0.5-200 m
Effective Sensing Speed:
Flight Speed ≤ 18 m/s
FOV:
Horizontal 180° , Vertical 180°

Backward Measurement Range:
0.5-22 m
Detection Range:
0.5-200 m
Effective Sensing Speed:
Flight Speed ≤ 18 m/s
FOV:
Horizontal 180° , Vertical 180°

Lateral Measurement Range:
0.5-21 m
Detection Range:
0.5-200 m
Effective Sensing Speed:
Flight Speed ≤ 18 m/s
FOV:
Horizontal 180° , Vertical 180°

Upward Measurement Range:
0.5-18 m
Effective Sensing Speed:
Flight Speed ≤ 6 m/s
FOV:
Horizontal 90° , Vertical 90°

Downward Measurement Range:
0.5-17 m
Effective Sensing Speed:
Flight Speed ≤ 6 m/s
FOV:
Horizontal 180° , vertical 180°

3D Infrared Sensing System Forward-Facing LiDAR
Measurement Range (nighttime): 0.5-25 m (reflectivity $> 10\%$)
FOV: Up and Down 60° , Left and Right 60°

Downward-Facing Infrared Sensor
Measurement Range: 0.3-8 m (reflectivity $> 10\%$)
FOV: Front and Back 60° , Left and Right 60°

Operating Environment Forward, Backward, Left, Right, and Upward:
Surfaces with discernible patterns, adequate lighting (lux > 0.1 , urban lighting environment).
Downward:
Surfaces with discernible patterns, diffuse reflectivity $> 20\%$ (e.g. walls, trees, people), and adequate lighting (lux > 0.1 , urban lighting environment).

Video Transmission

Video Transmission System	O4+
Live View Quality	Remote Controller: 1080p/30fps, 1080p/60fps
Operating Frequency	2.4000-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter 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, free of interference)	FCC: 30 km CE: 15 km SRRC: 15 km MIC: 15 km <small>This is a general reference value. Actual transmission distance may vary due to the drone's position, flight altitude, terrain, and other factors. Please refer to local laws and regulations for more information.</small>
Max Transmission Distance (unobstructed, with interference)	Strong Interference (urban landscape): Approx. 1.5-6 km Medium Interference (suburban landscape): Approx. 6-15 km Low Interference (suburb/seaside): Approx. 15-30 km <small>Max transmission distance is based on FCC standard in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee for</small>
Max Transmission Distance (obstructed, with interference)	Low Interference and Obstructed by Buildings: Approx. 0-0.7 km Low Interference and Obstructed by Trees: Approx. 0.7-4.5 km <small>Max transmission distance is based on FCC standard in obstructed environments with typical low interference. Used for reference purposes only and provides no guarantee for</small>
Max Download Speed	O4+: 10 MB/s* Wi-Fi 6: 80 MB/s* <small>Max download speed is based on theoretical values. Actual download speed may vary depending on the actual conditions and regions that support both 2.4 GHz and 5.8 GHz, with footage saved to the</small>
Lowest Latency	Compatible with DJI RC 2/ DJI RC Pro 2 Remote Controller: approx. 130 ms Depending on the actual environment and mobile device.
Antenna	6 antennas, 2T4R

Wi-Fi

Protocol	802.11 a/b/g/n/ac/ax
Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter Power (EIRP)	2.4 GHz: < 23 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.8 GHz: < 23 dBm (FCC/SRRC) < 14 dBm (CE)

Bluetooth

Protocol	Bluetooth 5.1
Operating Frequency	2.4000-2.4835 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter Power (EIRP)	< 10 dBm

Battery

Capacity	6654 mAh
Weight	Approx. 332 g
Nominal Voltage	14.32 V
Max Charging Voltage	17.2 V
Battery Type	Li-ion 4S
Chemical System	LiNiMnCoO ₂
Energy	95.3 Wh
180	5° to 40° C (41° to 104° F)
Charging Time	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) Using DJI 100W USB-C Power Adapter From 0% to 100%: 1 battery takes about 80 minutes Charging via the aircraft (65W max charging power) From 0% to 100%: 115 minutes <small>Charging time is measured in a standard environment with a temperature of 25°C. Actual charging time may increase due to higher ambient temperatures or</small>

Battery 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.
Compatibility	DJI Mavic 4 Pro Intelligent Flight Battery

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