
# What Stands Out

Mavic Pro 2

- 20MP 1" Hassleblad Camera with CMOS Sensor
- Omnidirectional Obstacle Sensing
- 4 Hyperlapse modes
- 31-Minute Flight Time
- 4K video at 30fps

**See the Bigger Picture**

A message from DJI:

Our dream has always been to make a drone that exists where engineering, technology, and the needs of the aerial photographer converge. A drone that embodies all of DJIs advanced, signature technologies, and is able to redefine what is possible for the world of aerial photography. In creating the Mavic 2, we have made this dream come true.

**Mavic 2 Pro with Hasselblad Camera**

Co-engineered in partnership with Hasselblad after two years of tireless research, the Mavic 2 Pro comes equipped with the all-new Hasselblad L1D-20c camera. The L1D-20c possesses Hasselblad's unique Hasselblad Natural Colour Solution (HNCS) technology, helping users to capture gorgeous 20-megapixel aerial shots in stunning colour detail.

**1-inch CMOS Sensor**

The brand new 1-inch CMOS sensor has an active sensing area four times more effective than the original Mavic Pro. The large sensor also means better performance in low-light environments with a more extensive ISO range, max ISO lifted from 3200 to 12800.

**10-bit Dlog-M Colour Profile**

The Mavic 2 Pro supports a 10-bit Dlog-M colour profile that yields higher dynamic range for more flexibility in the grading room. The system records over 1 billion colours (compared to the 16 million colours from traditional 8-bit colour coding technologies) and retains more in-depth details in both highlights and shadows. Now you can capture the subtlest gradations at sunset or sunrise, leaving greater space for post-production.

**HDR Video**

With 4K 10-bit HDR support, the Mavic 2 Pro can be plugged into a 4K TV with HLG and will immediately play back footage with the right colour tones. The brighter highlights and increased contrast are what make HDR video so appealing.

**Adjustable Aperture**

The f/2.8-f/11 adjustable aperture delivers outstanding image quality both in high and low-light environments. When shooting in low light, set the aperture to f/2.8 to allow more light in and to capture bright and clear photos. When shooting in well-lit environments, set the aperture to f/11 to lower the shutter speed and make your videos smoother.

**Camera System - Shoot like a Pro**

Both Mavic 2 cameras employ DJIs latest 3-axis gimbal technology, ensuring smooth, stable footage in just about any situation.

**Hyperlapse**

Say goodbye to complicated post-processing. With Hyperlapse, the aircraft shoots stable aerial shots and processes them automatically, enabling you to create professional-looking timelapses with a simple tap of a button, which you can share to social media immediately. Save a flight path in Task Library to fly the Mavic 2 through the path whenever you feel like it. JPEG and RAW photos can be simultaneously saved on a microSD card, leaving more room for post editing.

**Enhanced HDR Photos**

The Mavic 2 also supports enhanced HDR photos, an improved technique that blends a sequence of photos for ghost-free high dynamic range, offering increased image clarity while avoiding unwanted artificial effects.

**HyperLight**

Brighten up your world with HyperLight, a low-light setting designed to enhance your images while reducing noise significantly.

**H.265 Codec for Higher Image Quality**

Both editions record 4K video at higher bitrates with advanced H.265 compression. Videos in H.265/HEVC codec maintain 50% more information than videos in H.264/AVC, creating high-quality videos with better-preserved details.

**Signature Technologies**

OcuSync 2.0 video transmission performance is greatly enhanced with improvements made to communication distance, video quality and anti-interference, offering you unprecedented control.

**Powerful, Yet Safe**

After countless hours of research and testing, the Mavic 2 has been optimally redesigned to increase propulsion, lower power consumption, and reduce noise. These subtle yet powerful improvements, along with an improved Flight Autonomy system, offer a smoother, quieter flight for greater discretion and safety.

**Faster**

**72 kph Max. Speed**

The rebuilt aircraft body presents better aerodynamic performance. The body drag of the Mavic 2 is 19% less than that of the Mavic Pro when flying at full speed.

**Longer**

**31-Min Max. Flight Time**

Longer flight time means more creative opportunities.

**Quieter**

**Low-Noise Design**

FOC sinusoidal drive ESCs and low-noise propellers make your flight incredibly quiet, eliminating any worries of disturbing your surroundings

**Omnidirectional Obstacle Sensing**

Flight Autonomy has been upgraded to include Omnidirectional Obstacle Sensing. For the first time in a DJI drone, obstacle sensors appear on all sides of the aircraft for greater safety during flight.

**Easy to Use**

With powerful cameras and easy-to-use intelligent shooting modes, the Mavic 2 makes creative aerial photography more accessible to users at all levels.

- Active Track 2.0
- Quick Shots
- Panoramas

**Top Features**

- Hasselblad Camera
- 1" CMOS Sensor
- Adjustable Aperture
- 10-bit D-log-M
- 10-bit HDR Video
- Hyperlapse

**What’s in the Box?**

- 1 x Mavic 2 Pro
- 1 x Smart Controller

- 1 x Intelligent Flight Battery
- 1 x Charger
- 1 x Power Cable
- 3 x Propellers (Pair)
- 1 x Gimbal Protector
- 1 x Communication Cable (USB 3.0 Type-C)
- 1 x Spare Controller Sticks (Pair)
- 1 x 24W USB Charger

**Dimensions**

- Folded: 214×91×84 mm (length×width×height)
- Unfolded: 322×242×84 mm (length×width×height)

# Tech Spec

**Technical Specifications**

| | |
|---|---|
| Skill Level | Intermediate |
| Ready To Fly | ✓ |
| Ready To Fly | ✓ |
| Built In Camera | ✓ |
| Photo Quality | 20 Megapixel |
| Video Quality | 4K |
| Battery life | Up to 31 Minutes |
| Collision Avoidance | ✓ |
| Live First Person View | ✓ |
| FPV Quality | 1080p |
| GPS System | ✓ |
| Auto Take Off & Landing | ✓ |
| Position & Altitude Hole | ✓ |
| Follow Me Mode | ✓ |

| | |
|---|---|
| Return To Home | ✓ |
| Control System | Remote |
| Weight | 907g |
| Speed | 20M/s |
| Number Of Rotors | 4 |

# Mavic 2 Pro


# MAVIC 2 PRO CAMERA

| | |
|---|---|
| Sensor | 1" CMOS<br>Effective Pixels: 20 million |
| Lens | FOV: about 77°<br>35 mm Format Equivalent: 28 mm<br>Aperture: f/2.8–f/11<br>Shooting Range: 1 m to ∞ |
| ISO Range | Video:<br>100-6400<br>Photo:<br>100-3200 (auto)<br>100-12800 (manual) |
| Shutter Speed | Electronic Shutter: 8–1/8000s |
| Still Image Size | 5472×3648 |
| Still Photography Modes | Single shot<br>Burst shooting: 3/5 frames<br>Auto Exposure Bracketing (AEB): 3/5 bracketed frames at EV Bias<br>Interval (JPEG: 2/3/5/7/10/15/20/30/60s<br>RAW:5/7/10/15/20/30/60s) |
| Video Resolution | 4K: 3840×2160 24/25/30p<br>2.7K: 2688x1512 24/25/30/48/50/60p<br>FHD: 1920×1080 24/25/30/48/50/60/120p |
| Max Video Bitrate | 100Mbps |
| Color Mode | Dlog-M (10bit), support HDR video (HLG 10bit) |
| Supported File System | FAT32 (≤ 32 GB)<br>exFAT (> 32 GB) |
| Photo Format | JPEG / DNG (RAW) |
| Video Format | MP4 / MOV (MPEG-4 AVC/H.264, HEVC/H.265) |

Mavic 2 Pro