

# Dji Mavic Pro

## Aircraft

Folded	H83mm x W83mm x L198mm
Diagonal Size (Propellers Excluded)	335 mm
Weight (Battery & Propellers Included)	1.62 lbs (734 g) (exclude gimbal cover) 1.64 lbs (743 g) (include gimbal cover)
Max Ascent Speed	16.4 ft/s (5 m/s) in Sport mode
Max Descent Speed	9.8 ft/s (3 m/s)
Max Speed	40 mph (65 kph) in Sport mode without wind
Maximum Takeoff Altitude	16404 feet (5000 m)
Max Flight Time	27 minutes (no wind at a consistent 15.5 mph (25 kph))
Max Hovering Time	24 minutes (no wind)
Overall Flight Time	21 minutes ( In normal flight, 15% remaining battery level )
Max Total Travel Distance (One Full Battery, No Wind)	8 mi (13 km, no wind)
Operating Temperature Range	32° to 104° F (0° to 40° C)
Satellite Positioning Systems	GPS / GLONASS
Hover Accuracy Range	Vertical: +/- 0.1 m (when Vision Positioning is active) or +/-0.5 m Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/-1.5 m
Operating Frequency	FCC: 2.4-2.4835GHz; 5.150-5.250 GHz; 5.725-5.850 GHz CE: 2.4-2.4835GHz; 5.725-5.850 GHz SRRC : 2.4-2.4835 GHz;5.725-5.850 GHz
Transmitter Power (EIRP)	2.4GHz

FCC:<=26 dBm; CE: <=20 dBm; SRRC:<=20 dBm; MIC:<=18 dBm

5.2 GHz

FCC:<=23 dBm

5.8 GHz

FCC:<=23 dBm; CE <=13 dBm; SRRC: <=23 dBm; MIC: -

## Remote Controller

### Operating Frequency

2.4 GHz to 2.483 GHz

### Max Transmission Distance

FCC Compliant: 4.3 mi (7 km);

CE Compliant: 2.5 mi (4 km)

SRRC Compliant: 2.5mi (4 km)

MIC Compliant: 2.5 mi (4 km) (Unobstructed, free of interference)

### Operating Temperature Range

32° to 104° F ( 0° to 40° C )

### Battery

2970mAh

### Transmitter Power (EIRP)

FCC : <=26 dBm

CE : <=20 dBm

SRRC: <=20 dBm

MIC: <=18 dBm

### Operating Current/Voltage

950mA @ 3.7V

### Supported Mobile Device Size

Thickness Supported:6.5-8.5mm

Max length: 160mm

Supported USB port types: Lightning, Micro USB(Type-B),USB(Type-C)™

## Gimbal

### Controllable Range

Pitch: -90° to +30°

Roll: 0° or 90° (Horizontally and vertically)

### Stabilization

3-axis (pitch, roll, yaw)

## Vision System

### Vision System

Forward Vision System

Downward Vision System

### Obstacle Sensory Range

Precision measurement range: 2 ft (0.7 m) to 49 ft (15 m)

Detectable range: 49 ft (15 m) to 98 ft (30 m)

Operating Environment Surface with clear pattern and adequate lighting (lux > 15)

Velocity Range ≤22.4 mph (36 kph) at 6.6 ft (2 m) above ground

Altitude Range 1 – 43 feet (0.3 – 13 m)

Operating Range 1 – 43 feet (0.3 – 13 m)

## App / Live View

Mobile App DJI GO 4

Live View Quality 720p@30fps, 1080p@30fps (Remote Controller)

720p@30fps(Wi-Fi)

720p@60fps, 1080p@30fps (DJI Goggles)

Latency 160-170ms (depending on conditions and mobile device)

## Rate

Day: £25

Week: £125

Month: £480