

Clifton Cameras Product Specification

DJI Mavic 3 Enterprise

Specifications

Aircraft

Weight (with propellers, without accessories):	915 g
Max Takeoff Weight:	1,050 g
Dimensions:	Folded (without propellers): 221×96.3×90.3 mm (L×W×H)
Unfolded (without propellers):	347.5×283×107.7 mm (L×W×H)
Diagonal Distance:	380.1 mm
Max Ascent Speed:	6 m/s (Normal Mode) 8 m/s (Sport Mode)
Max Descent Speed:	15 m/s (Normal Mode)
Max Flight Speed (at sea level, no wind):	Forward: 21 m/s, Side: 20 m/s, Backward: 19 m/s (Sport Mode) *Maximum speed in Sport mode is 19m/s when operating in EU regions.
Max Wind Speed Resistance:	12 m/s *Max wind speed resistance during takeoff and landing.
Max Take-off Altitude Above Sea Level:	6000 m (without payload)
Max Flight Time (no wind):	45 mins *Measured with Mavic 3 Enterprise Series flying at a constant speed of 32.4 kph in a windless environment at sea level until the battery reached 0%. Data is for reference only. Please pay attention to RTH reminders in the DJI Pilot 2 app during flight.
Max Hover Time (no wind):	38 mins
Max Flight Distance:	32 km
Max Tilt Angle:	30° (Normal Mode) 35° (Sport Mode)
Max Angular Velocity:	200°/s



GNSS:	GPS+Galileo+BeiDou+GLONASS (GLONASS is supported only when the RTK module is enabled)
Hovering Accuracy:	Vertical: ± 0.1 m (with Vision System); ± 0.5 m (with GNSS); ± 0.1 m (with RTK); Horizontal: ± 0.3 m (with Vision System); ± 0.5 m (with High-Precision Positioning System); ± 0.1 m (with RTK)
Operating Temperature Range:	-10° to 40° C (14° to 104° F)
Internal Storage:	N/A
Motor Model:	2008
Propeller Model:	9453F Propellers for Enterprise
Beacon:	Built into the aircraft
Wide Camera	
Sensor:	4/3 CMOS, Effective pixels: 20 MP
Lens:	FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8-f/11 Focus: 1 m to ∞
ISO Range:	100-6400
Shutter Speed:	Electronic Shutter: 8-1/8000 s Mechanical Shutter: 8-1/2000 s
Max Image Size:	5280 x 3956
Still Photography Modes:	Single: 20 MP Timed: 20 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s JPEG+RAW: 3/5/7/10/15/20/30/60 s Smart Low-light Shooting: 20 MP Panorama: 20 MP (raw image)
Video Resolution:	H.264 4K: 3840x2160@30fps FHD: 1920x1080@30fps
Bitrate:	4K: 130 Mbps



	FHD: 70 Mbps
Supported File Formats:	exFAT
Photo Format:	JPEG/DNG (RAW)
Video Format:	MP4 (MPEG-4 AVC/H.264)
Tele Camera	
Sensor:	1/2-inch CMOS, Effective pixels: 12 MP
Lens:	FOV: 15°
Format Equivalent:	162 mm
Aperture:	f/4.4
Focus:	3 m to ∞
ISO Range:	100-6400
Shutter Speed:	Electronic Shutter: 8-1/8000 s
Max Image Size:	4000 x 3000
Photo Format:	JPEG
Video Format:	MP4 (MPEG-4 AVC/H.264)
Still Photography Modes:	Single: 12 MP Timed: 12 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Low-light Shooting: 12 MP
Video Resolution:	H.264 4K: 3840x2160@30fps FHD: 1920x1080@30fps
Bitrate:	4K: 130 Mbps FHD: 70 Mbps
Digital Zoom:	8x (56x hybrid zoom)
Gimbal	
Stabilisation:	3-axis (tilt, roll, pan)
Mechanical Range:	Tilt: -135° to 100° Roll: -45° to 45°



Controllable Range:

Pan: -27° to 27°

Tilt: -90° to 35°

Pan: Not controllable

Max Control Speed (tilt):

100°/s

Angular Vibration Range:

±0.007°