

Aircraft	DJI Matrice 4E	DJI Matrice 4T	DJI Mavic 3 Enterprise	DJI Mavic 3 Thermal
				
Cost	AUD \$7,395 (1 Year Shield)	AUD \$10,195 (1 Year Shield)	AUD \$6,049 (1 Year Shield)+ RTK = \$7,009 AUD \$6,319 (2 Year Shield)+ RTK = \$7,279	AUD \$8,249 (1 Year Shield)+ RTK = \$9,209 AUD \$8,624 (2 Year Shield)+ RTK = \$9,584
Takeoff Weight	1420 g (low noise props: 1430 g)	1219 g (low noise props: 1229 g)	915 g	920 g
Dimensions (without propellers) (L×W×H)	Folded: 260.6×113.7×138.4 mm Unfolded: 307.0×387.5×149.5 mm	Folded: 260.6×113.7×138.4 mm Unfolded: 307.0×387.5×149.5 mm	Folded: 221×96.3×90.3mm Unfolded: 347.5×283×107.7 mm	Folded: 221×96.3×90.3mm Unfolded: 347.5×283×107.7 mm
Max Horizontal Speed (at sea level, no wind)	21 m/s flying forward, 18 m/s flying backward, 19 m/s flying sideways No faster than 19 m/s in EU regions.	21 m/s flying forward, 18 m/s flying backward, 19 m/s flying sideways No faster than 19 m/s in EU regions.	21 m/s No faster than 19 m/s in EU regions.	21 m/s No faster than 19 m/s in EU regions.
Max Flight Time	49 min (standard propellers) 46 min (low-noise propellers)	49 min (standard propellers) 46 min (low-noise propellers)	45 minutes	45 minutes
Max Hovering Time	42 min (standard propellers) 39 min (low-noise propellers)	42 min (standard propellers) 39 min (low-noise propellers)	38 minutes	38 minutes
Max Flight Distance	35 km (standard propellers) 32 km (low-noise propellers)	35 km (standard propellers) 32 km (low-noise propellers)	32 km	32 km
Max Wind Speed Resistance	12 m/s 43.2 Kph Beaufort wind force scale: 6	12 m/s 43.2 Kph Beaufort wind force scale: 6	12 m/s 43.2 Kph Beaufort wind force scale: 6	12 m/s 43.2 Kph Beaufort wind force scale: 6
Operating Temperature	-10° to 40° C	-10° to 40° C	-10° to 40° C	-10° to 40° C
Global Navigation Satellite System	GPS + Galileo + BeiDou + GLONASS (GLONASS is supported only when the RTK module is enabled)	GPS + Galileo + BeiDou + GLONASS (GLONASS is supported only when the RTK module is enabled)	GPS + Galileo + BeiDou + GLONASS (GLONASS is supported only when the RTK module is enabled)	GPS + Galileo + BeiDou + GLONASS (GLONASS is supported only when the RTK module is enabled)
Internal Storage	N/A	N/A	1 TB (approx. 934.8GB available storage)	1 TB (approx. 934.8GB available storage)
Camera				
Image Sensor	Wide: 4/3-inch CMOS Effective Pixels: 20 MP Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Telephoto: 1/1.5-inch CMOS, Effective Pixels: 48 MP	Wide: 1/1.3-inch CMOS, Effective Pixels: 48 MP Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Telephoto: 1/1.5-inch CMOS, Effective Pixels: 48 MP Infrared Thermal Camera: Uncooled vanadium oxide (VOx) - 30 Hz Sensitivity: ≤50mk@F1.0 Range: -20° to 150° C High Gain Mode 0° to 550° C Low Gain Mode IR Wavelength: 8-14 μm IR Temp Accuracy: High Gain: ±2% or ±2% Low Gain: ±5% or ±3%, whichever is greater	HASSELBLAD CAMERA: 4/3 CMOS, Effective Pixels: 20 MP TELE CAMERA: 1/2-inch CMOS, Effective Pixels: 12 MP	WIDE CAMERA: 1/2- inch CMOS, Effective Pixels: 48 MP TELE CAMERA: 1/2-inch CMOS, Effective Pixels: 12 MP THERMAL CAMERA: Uncooled VOx Microbolometer - 30 Hz Sensitivity: ≤50 mk@F1.1 Range: -20° to 150° C High Gain Mode 0° to 500° C Low Gain Mode IR Wavelength: 8-14 μm IR Temp Accuracy: ±2° C or ±2% (using the larger value)
Lens	DJI Matrice 4E FOV: 84° Equivalent Focal Length: 24 mm Aperture: f/2.8-f/11 Focus: 1 m to ∞ Medium Tele Camera FOV: 35° Equivalent Focal Length: 70 mm Aperture: f/2.8 Focus: 3 m to ∞ Tele camera FOV: 15° Equivalent Focal Length: 168 mm Aperture: f/2.8 Focus: 3 m to ∞	DJI Matrice 4T FOV: 82° Equivalent Focal Length: 24 mm Aperture: f/1.7 Focus: 1 m to ∞ Medium Tele Camera FOV: 35° Equivalent Focal Length: 70 mm Aperture: f/2.8 Focus: 3 m to ∞ Tele camera FOV: 15° Equivalent Focal Length: 168 mm Aperture: f/2.8 Focus: 3 m to ∞ Infrared Thermal Camera: DFOV: 45°±0.3° Equivalent Focal Length: 53 mm Aperture: f/1.0 Focus: 5 m to ∞ Infrared Illumination FOV: 5.7°±0.3°	HASSELBLAD CAMERA: FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8-f/11 Focus: 1 m to ∞ TELE CAMERA: FOV: 15° Format Equivalent: 162 mm Aperture: f/4.4 Focus: 3 meters to ∞	HASSELBLAD CAMERA: FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8 Focus: 1 m to ∞ TELE CAMERA: FOV: 15° Format Equivalent: 162 mm Aperture: f/4.4 Focus: 3 meters to ∞ THERMAL CAMERA: DFOV: 61° Format Equivalent: 40 mm Aperture: f/1.0 Focus: 5 m to ∞
ISO Range	Normal Mode: ISO 100 to ISO 25600 Night Scene Mode: Wide Camera: ISO 100 to ISO 204800 Mid Tele Camera: ISO 100 to ISO 409600 Tele Camera: ISO 100 to ISO 409600	Normal Mode: ISO 100 to ISO 25600 Night Scene Mode: Wide Camera: ISO 100 to ISO 409600 Mid Tele Camera: ISO 100 to ISO 409600 Tele Camera: ISO 100 to ISO 819200	Video/Photo: 100-6400	Video/Photo: 100-25600
Shutter Speed	Wide: Electronic Shutter: 2-1/8000 s Mechanical Shutter: 2-1/2000 s Medium Telephoto: 2-1/8000 s Telephoto: 2-1/8000 s	2-1/8000 s	HASSELBLAD CAMERA Electronic Shutter: 8-1/8000 s Mechanical Shutter: 8-1/2000 s TELE CAMERA Electronic Shutter: 2-1/8000 s	WIDE CAMERA Electronic Shutter: 8-1/8000 s TELE CAMERA Electronic Shutter: 2-1/8000 s
Still Photography Modes	Single: 20 MP Interval: 20 MP JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s JPEG + RAW: 2/3/5/7/10/15/20/30/60 s Smart Shooting: 20 MP Panorama: 20 MP (raw image); 100 MP (stitched image) Medium Tele Camera: Single: 12 MP and 48 MP Interval: 12 MP/48 MP JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s Smart Shooting: 12 MP Telephoto: Single: 12 MP and 48 MP Interval: 12 MP/48 MP JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s Smart Shooting: 12 MP	Wide: Single: 12 MP/48 MP Interval: 12 MP/48 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Shooting: 12MP Panorama: 12 MP (raw image); 100 MP (stitched image) Medium Tele Camera: Single: 12 MP and 48 MP Interval: 12 MP/48 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Shooting: 12MP Telephoto: Single: 12 MP and 48 MP Interval: 12 MP/48 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Shooting: 12MP	HASSELBLAD CAMERA 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) TELE CAMERA 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	WIDE CAMERA Single: 12 MP/48 MP Timed: 12 MP/48 MP JPEG: 2/3/5/7/10/15/20/30/60 s* Panorama: 12 MP (raw image); 100 MP (stitched image) TELE CAMERA 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 THERMAL CAMERA Spot Meter, Area Measurement: White Hot/Black Hot/Tint/Iron Red/Hot Iron/ Arctic/Medical/Fulgurite/Rainbow 1/Rainbow 2 Single: 640×512 Timed: 640×512 JPEG: 2/3/5/7/10/15/20/30/60 s
Photo Format	Wide: JPEG/DNG (RAW) Medium Tele Camera: JPEG Telephoto: JPEG	JPEG	JPEG/DNG (RAW)	JPEG JPEG (8-bit) R-JPEG (16-bit)

Aircraft	DJI Matrice 4E	DJI Matrice 4T	DJI Mavic 3 Enterprise	DJI Mavic 3 Thermal
Video Resolution	Video Coding Format: H.264/H.265 Coding Strategy: CBR, VBR Resolution: 4K: 3840 × 2160@30fps FHD: 1920 × 1080@30fps	Video Coding Format: H.264/H.265 Coding Strategy: CBR, VBR Resolution: 4K: 3840 × 2160@30fps FHD: 1920 × 1080@30fps Infrared Thermal Camera: 1280 × 1024@30fps (Super Resolution enabled, Night Mode not activated) Other conditions: 640 × 512@30fps	HASSELBLAD CAMERA: H.264 4K: 3840×2160@30fps FHD: 1920×1080@30fps TELE CAMERA: H.264 4K: 3840×2160@30fps FHD: 1920×1080@30fps	HASSELBLAD CAMERA: H.264 4K: 3840×2160@30fps FHD: 1920×1080@30fps TELE CAMERA: H.264 4K: 3840×2160@30fps FHD: 1920×1080@30fps THERMAL CAMERA 640×512@30fps
Color Mode	Normal/HLG/D-Log	Normal/HLG/D-Log White Hot/Black Hot/Tint/Iron Red/Hot Iron/ Arctic/Medical/Fulgurite/Rainbow 1/Rainbow 2	Hasselblad Camera: Normal/HLG/D-Log Tele Camera: Normal	Normal/HLG/D-Log White Hot/Black Hot/Tint/Iron Red/Hot Iron/ Arctic/Medical/Fulgurite/Rainbow 1/Rainbow 2
Digital Zoom	Telephoto: 16x (112x hybrid zoom)	Telephoto: 16x (112x hybrid zoom) Infrared Thermal Camera: 28x	Tele Camera: x8 (56x hybrid zoom)	Tele Camera: x8 (56x hybrid zoom) Thermal Camera: 28x (digital)
Laser Module	Laser Rangefinding Measurement Range: 1800 m (1 Hz) @20% reflectivity target Oblique Incidence Range (1:5 Oblique Distance): 600 m (1 Hz) Blind Zone: 1 m Distance Measurement Accuracy: 1-3 m: System Error <0.3 m, Random Error <0.1 meters @1σ Other Distances: ±(0.2+0.0015m)	Laser Rangefinding Measurement Range: 1800 m (1 Hz) @20% reflectivity target Oblique Incidence Range (1:5 Oblique Distance): 600 m (1 Hz) Blind Zone: 1 m Distance Measurement Accuracy: 1-3 m: System Error <0.3 m, Random Error <0.1 meters @1σ Other Distances: ±(0.2+0.0015m)		
Sensing				
Sensing Type	Omnidirectional binocular vision system, supplemented with a 3D infrared sensor at the bottom of the aircraft.	Omnidirectional binocular vision system, supplemented with a 3D infrared sensor at the bottom of the aircraft.	Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft	Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft
Forward	Binocular Range: 0.4-22.5 m Measurement Range: 0.4-200 m	Binocular Range: 0.4-22.5 m Measurement Range: 0.4-200 m	Measurement Range: 0.5-20 m Detection Range: 0.5-200 m	Measurement Range: 0.5-20 m Detection Range: 0.5-200 m
Backward	Binocular Range: 0.4-22.5 m Measurement Range: 0.4-200 m	Binocular Range: 0.4-22.5 m Measurement Range: 0.4-200 m	Measurement Range: 0.5-16 m	Measurement Range: 0.5-16 m
Lateral	Binocular Range: 0.4-22.5 m Measurement Range: 0.4-200 m	Binocular Range: 0.4-22.5 m Measurement Range: 0.4-200 m	Measurement Range: 0.5-25 m	Measurement Range: 0.5-25 m
Upward			Measurement Range: 0.5-10 m	Measurement Range: 0.5-10 m
Downward	Measurement Range: 0.3-18.8 m	Measurement Range: 0.3-18.8 m	Measurement Range: 0.5-18 m	Measurement Range: 0.5-18 m
Transmission System	O4 Enterprise	O4 Enterprise	DJI O3 Enterprise Transmission	DJI O3 Enterprise Transmission
Max Transmission Distance (free of interference)	25 km (FCC) 12 km (CE) 12 km (SRRC) 12 km (MIC)	25 km (FCC) 12 km (CE) 12 km (SRRC) 12 km (MIC)	FCC: 15 km CE: 8 km SRRC: 8 km MIC: 8 km	FCC: 15 km CE: 8 km SRRC: 8 km MIC: 8 km
Max Transmission Distance (with interference)	Strong Interference: City Centers (approx. 1.5-5 km) Medium Interference: Suburban Areas (approx. 5-15 km) Micro interference: Suburbs/Seasides (approx. 15-25 km)	Strong Interference: City Centers (approx. 1.5-5 km) Medium Interference: Suburban Areas (approx. 5-15 km) Micro interference: Suburbs/Seasides (approx. 15-25 km)	Strong Interference: urban landscape, approx. 1.5-3 km Medium Interference: suburban landscape, approx. 3-9 km Low Interference: suburb/seaside, approx. 9-15 km	Strong Interference: urban landscape, approx. 1.5-3 km Medium Interference: suburban landscape, approx. 3-9 km Low Interference: suburb/seaside, approx. 9-15 km
Battery				
Capacity	6741 mAh	6741 mAh	5000 mAh	5000 mAh
Weight	401 g	401 g	335.5 g	335.5 g
Nominal Voltage	14.76 V	14.76 V	15.4 V	15.4 V
Max Charging Voltage	17.0 V	17.0 V	17.6 V	17.6 V
Type	Li-ion 4S	Li-ion 4S	Li-ion 4S	Li-ion 4S
Energy	99.5 Wh	99.5 Wh	77 Wh	77 Wh
Charging Temperature	5°C to 40°C	5°C to 40°C	5° to 40° C (41° to 104° F)	5° to 40° C (41° to 104° F)
Charging Time	Approx. 78 minutes	Approx. 78 minutes	Approx. 70 minutes	Approx. 70 minutes
RTK Module				
Dimensions	N/A Built into the aircraft	N/A Built into the aircraft	50.2×40.2×66.2 mm (L×W×H)	50.2×40.2×66.2 mm (L×W×H)
Weight	N/A Built into the aircraft	N/A Built into the aircraft	24±2 g	24±2 g
Interface	N/A Built into the aircraft	N/A Built into the aircraft	USB-C	USB-C
Power	N/A Built into the aircraft	N/A Built into the aircraft	Approx. 1.2 W	Approx. 1.2 W
RTK Positioning Accuracy	RTK Fix: 1 cm + 1 ppm (horizontal), 1.5 cm + 1 ppm (vertical)	RTK Fix: 1 cm + 1 ppm (horizontal), 1.5 cm + 1 ppm (vertical)	RTK Fix: Horizontal: 1 cm + 1 ppm; Vertical: 1.5 cm + 1 ppm	RTK Fix: Horizontal: 1 cm + 1 ppm; Vertical: 1.5 cm + 1 ppm
Speaker				
Dimensions	73×70×52 mm	73×70×52 mm	114.1×82.0×54.7 mm (L×W×H)	114.1×82.0×54.7 mm (L×W×H)
Weight	92.5 g	92.5 g	85±2 g	85±2 g
Interface	USB-C	USB-C	USB-C	USB-C
Rated Power	15 W	15 W	3 W	3 W
Max Volume	114dB@1m	114dB@1m	110 dB @ 1 m	110 dB @ 1 m
Effective Broadcast Distance	300 m	300 m	100 m @ 70 dB	100 m @ 70 dB
Operating Temperature Range	-20°C to 50°C	-20°C to 50°C	-10° to 40° C (14° to 104° F)	-10° to 40° C (14° to 104° F)
Spotlight				
Dimensions	95×164×30	95×164×30	N/A	N/A
Weight	99 g	99 g	N/A	N/A
Interface	USB-C	USB-C	N/A	N/A
Rated Power	32 W	32 W	N/A	N/A
Illuminance	4.3±0.2 lux @ 100 meters, 17±0.2 lux @ 50 meters	4.3±0.2 lux @ 100 meters, 17±0.2 lux @ 50 meters	N/A	N/A
Illumination Area	1,300 square meters @ 100 meters (10% relative illumination, Normal Mode) 2,200 square meters @ 100 meters (10% central illuminance, Wide fov Mode)	1,300 square meters @ 100 meters (10% relative illumination, Normal Mode) 2,200 square meters @ 100 meters (10% central illuminance, Wide fov Mode)	N/A	N/A
Controllable Range	Tilt: -90° to 35°	Tilt: -90° to 35°	N/A	N/A
Max Control Speed (tilt)	120°/s	120°/s	N/A	N/A
Operating Temperature	-20°C to 50°C	-20°C to 50°C	N/A	N/A