

UNITED DRONE TECHNOLOGY

Drone Specifications

	Mavic 2 Zoom	Mavic 2 Pro-H	Mavic 2 Enterprise	Mavic 2 Enterprise Dual	Inspire 1	Inspire 2	Matrice 100	Matrice 200 Series	Matrice 600
Weight	905 g	907g	905g	899 g	3060 g	3440 g	2431g	4.80 kg	9.50 kg
Size - Flight Mode	322 x 242 x 84 (mm)	322 x 242 x 84 (mm)	322 x 242 x 140 mm	322 x 242 x 140 mm	427 x 317 x 425 (mm)	427 x 317 x 425 (mm)		883 x 886 x 398 (mm)	1668 x 1518 x 727 (mm)
Size - Folded	214 x 91 x 84 (mm)	214 x 91 x 84 (mm)	214 x 91 x 84 mm	214 x 91 x 84 mm				722 x 282 x 242 (mm)	437 x 402 x 553 (mm)
Operating Temp	-10° to 40° C	-10° to 40° C	-10° to 40° C	-10° to 40° C	-10° to 40° C	-20° to 40° C	-10° to 40° C	-20° to 50° C	-10° to 40° C
Flight Distance/ Transmission Range*	18 km/ OcuSync 2.0 8 km @ 1080p	18 km/ OcuSync 2.0 8 km @ 1080p	18 km/ OcuSync 2.0 8 km @ 1080p	18 km/ OcuSync 2.0 8 km @ 1080p	Up to 5 km	Up to 7 km	5 km	8 km	Up to 5 km
Maximum Ceiling (Above sea level)	6000m	6000m	6000m	6000m	2500 m	2500 m		3000 m	2170R propellers: 2500 m 2195 propellers: 4500 m
Speed*	Up to 72 kph	Up to 72 kph	Up to 72 kph	Up to 72 kph	Up to 79 kph	Up to 79 kph	Up to 72 kph	Up to 61 or 81 kph (mode dependent)	Up to 65 kph
Max. Hover Time*	29 minutes	29 minutes	29 minutes	29 minutes			17 minutes		Up to 38 minutes
Max. Flight Time*	31 minutes	31 minutes	31 minutes	31 minutes	Approx. 18 minutes	23-27 minutes	23-40 minutes	24-38 minutes	Up to 36 minutes
Return to Home	Yes, standard	Yes, standard			Yes	Yes, standard	Yes, standard	Yes, standard	Yes, standard
Obstacle Avoidance***	Omnidirectional Obstacle Sensing	Omnidirectional Obstacle Sensing	Omnidirectional obstacle sensing AirSense	Omnidirectional obstacle sensing AirSense	Yes	Yes, ActiveTrack	AirSense	FlightAutonomy AirSense	AirSense
Controllability	3-axis (tilt, roll, pan)	3-axis (tilt, roll, pan)	3-axis (tilt, roll, pan)	3-axis (tilt, roll, pan)	3-axis (tilt, roll, pan)	3-axis (tilt, roll, pan)	3-axis (tilt, roll, pan)		
Customizable	No	No			Yes	Yes			Yes
Camera	DJI standard	Hasselblad L1D-20c	DJI standard	DJI standard	ZenMuse X3	X5S, X7 Video specs are for X7	X3	Zenmuse X4S/X5S/X7/XT/XT2/Z30 UDT camera/gimbal specs:	
Camera - Field of View	83°	77°							
Camera - Zoom	2x optical - camera 4x lossless - video	No	2x Optical 3x Digital	No			3.5 Optical, 2x Digital		
Camera - Still	12 mp	20 mp; 9-photo patch to 48 mp super res.	12 mp	12 mp			12 mp	Up to 20 mp	12 mp
Camera - Video	4 k @ 30 fps	4 k @ 30 fps	4 k @30 fps	4 k @ 30 fps	4 k @ 30 fps	6K in CinemaDNG/RAW 5.2K in Apple ProRes	4 k @ 30 fps	Up to 5 k	720p/59.94fps and 1080i/50fps
Camera - Infrared	No	No	No	FLIR MSX			FLIR 336 or 640	Up to 160-640 dpi; FLIR, MSX	
Camera - Video Transmission	8 km 1080p	8 km 1080p	8 km 1080p	8 km 1080p					
Speaker			100 db @ 1 m distance	No					
Beacon**			Yes	No				Yes	
Lighting On-board	No	No	11 lux @ 30 m straight Spot: 2,400 lumens	No	No	No		Spot Up to 160,000 lumens Flood Up to 160,000 lumens	
Stabilization	Yes, standard	Yes, standard	Yes, standard	Yes, standard		Yes, standard			
Tetherable								Yes, 250'	
* Flight Distances and Speeds are dependent upon payload, camera, and battery options, as well as wind and weather conditions.									
** A beacon is a flashing strobe light visible up to three miles away, to comply with FAA Night Waiver standards for night inspections.									
*** AirSense is a DJI app that sends instant real-time positioning alerts on nearby manned aircraft.									

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Camera Specifications

	Infrared Camera	ZenMuse X3	ZenMuse X4S	ZenMuse X5S	ZenMuse X7
Still Resolution			3:2, 4:3, 16:9	4:3, 16:9	3:2, 4:3, 16:9
Video Min		4Kp30 or 1080p60	4K/60 H.264 and 4K/30 H.265 videos at a 100Mbps bitrate	4K 60 fps	4K 60 fps
Video Max				16.9 - 5.2K 30fps CinemaDNG video and Apple ProRes	16:9 - 6K in CinemaDNG/RAW 5.2K in Apple ProRes
Still		12 mp	20 mp	20.8 mp	24 mp
Infrared	FLIR 336 or 640				
Zoom		No	No		
Multiple Lenses?		No	No	8	Yes
Gimbal		yaw, tilt, roll	yaw, tilt, roll		
Drone Compatibility		Inspire 1	Inspire 2	Inspire 2	Inspire 2
		3.5. Optical, 2x Digital			