



# DJI Enterprise Portfolio - Drones



	M100	M200	M210	M210 RTK	M600 Pro	MG-1S	Wind 2	Wind 4	Wind 8
<b>Created for</b>	Development	Industrial purposes – Power line inspection, Search & Rescue, Wind turbine inspection, Bridge inspection, Firefighting, Telecom inspections...			Enterprise / Camera heavy lifter	Agriculture (precision liquid spraying)	Bespoke requirements		
<b>Type</b>	Quadcopter	Quadcopter			Hexacopter	Octocopter	Quadcopter	Quadcopter	Octocopter
<b>Compatible gimbals</b>	XT, Z3, X5, X5R, Z30	X4S, X5S, Z30, XT (with adaptor), XT2			XT, Z3, X5, X5R, Z30, Ronin MX, XT2 (with adaptor)	-	XT, X3, Z3, X5, X5R, Z30		
<b>Gimbal installation</b>	Single downward gimbal	Single downward gimbal	Single downward gimbal Single upward gimbal Dual downward gimbal		Single downward gimbal	-	Single downward gimbal		
<b>Dimensions (unfolded)</b>	515x515x332 mm	887x880x378 mm		887x880x408 mm	1668x1518x727 mm	1471x1471x482 mm	650x650x390 mm	860x860x525 mm	1471x1471x482 mm
<b>Dimensions (folded)</b>		716x220x236 mm		716x287x236 mm	437x402x553 mm	780x780x482 mm	440x412x304 mm	530x480x430 mm	780x780x482 mm
<b>Weight (incl. batteries and propellers)</b>	2.36kg (TB47Dx1) 2.43kg (TB48Dx1)	3.80kg (TB50) 4.53kg (TB55)	3.84kg (TB50) 4.57kg (TB55)	4.42kg (TB50) 5.51kg (TB55)	9.5kg (TB47S) 10kg (TB48S)	13.8kg (MG-12000S)	8.3 kg (DZ-12000)	15.4 kg (DZ-12000)	15.5kg (DZ-12000)
<b>Batteries</b>	Two (optional)	Two			Six	One	One	Two	
<b>Battery capacity / weight</b>	4500mAh / 600g (TB47D) 5700mAh / 676g (TB48D)	4280mAh / 520g (TB50) 7660mAh / 885g (TB55)			4500mAh / 595g (TB47S) 5700mAh / 680g (TB48S)	12000mAh / 3.8 kg	12000mAh / 3.6kg (it works with MG-12000S, but without battery information because of the communication protocol)		
<b>Battery charging time</b>	68 min (TB47D)	90 min (TB50)			92 min (TB47S) 110 min (TB48S)	30/60 min (MG-12000S) [fast/slow]	30/60 min (DZ-12000) [fast/slow]		
<b>Max. take-off weight</b>	3.6kg	6.14kg			15.5kg	23.8kg	10 kg	24.5 kg	20kg
<b>Max. payload</b>	1.24kg (TB47Dx1) 1.17kg (TB48Dx1)	2.34kg (TB50) 1.61kg (TB55)	2.3kg (TB50) 1.57kg (TB55)	1.72kg (TB50) 0.63kg (TB55)	6.0kg (TB47S) 5.5kg (TB48S)	≈10kg (10L)	1.7 kg (DZ-12000)	12.5 kg (DZ-12000x1)	8.1kg (DZ-12000x1)
<b>Location</b>	GPS	GNSS (GPS, GLONASS, BeiDou)			GNSS (GPS, GLONASS, BeiDou)	GNSS + Radar	GPS + Compass		
<b>Redundancy</b>	Dual frequency Dual battery	Dual IMU & Triple barometer Dual frequency Dual battery & Dual propulsion Upward infrared sensors Forward vision (two stereoscopic cameras and FPV) & Downward VPS (two cameras and two ultrasonic sensors)			Triple IMU Dual frequency Six batteries Triple GNSS Dual propulsion	Triple microwave radar: front, rear and down Dual propulsion	Dual IMU Dual compass (in the legs) Dual (GPS + compass) (2 [optional], 4, 8)		
<b>Flight control</b>	N1	Custom built-in (same as Inspire 2)			A3 Pro	A3	A3 (not possible to upgrade to A3 Pro)		
<b>Max. flight time (all batteries)</b>	33 min (TB47D) 17 min (0.5kg payload, TB47Dx1) 40 min (TB48D) 20 min (0.5 kg payload, TB48Dx1)	27 min (TB50) 22 min (Z30, TB50) 20 min (Z30+XT, TB50) 13 min (full payload, TB50) 38 min (TB55) 32 min (Z30, TB55) 28 min (Z30+XT, TB55) 24 min (full payload, TB55)		23 min (TB50) 13 min (full payload, TB50) 32 min (TB55) 24 min (full payload, TB55)	32 min (TB47S) 30 min (XT, TB47S) 16 min (full payload, TB47S) 38 min (TB48S) 32 min (XT, TB48S) 18 min (full payload, TB48S)	22 min (no payload) 10 min (10L payload)	38 min (DZ-12000)	40 min (DZ-12000x2) 24 min (5kg payload, DZ-12000x2) 11 min (10kg payload, DZ-12000x1)	39 min (DZ-12000x2) 24 min (5kg payload, DZ-12000x2) 16 min (10kg payload, DZ-12000x2)
<b>Max. speed</b>	P: 17 m/s A: 22 m/s	S: 23 m/s (single downward / upward gimbal) P: 17 m/s (single downward / upward gimbal) A: 23 m/s (single downward / upward gimbal) S: 18 m/s (double downward gimbal) P: 17 m/s (double downward gimbal) A: 17 m/s (double downward gimbal)			F: 18 m/s P: 18 m/s A: 20 m/s	F: 12 m/s P: 12 m/s A: 15 m/s	S: 16 m/s	S: 14 m/s	S: 15 m/s
<b>Max. ascent - descent speed</b>	5 m/s – 4 m/s	5 m/s – 3 m/s			5 m/s – 3 m/s	-	5 m/s – 3 m/s		5 m/s – 4 m/s
<b>Max. wind resistance</b>	10 m/s	10 m/s	12 m/s		8 m/s	8 m/s	10 m/s	12 m/s	
<b>Remote controller</b>	C1	GL6D10A Cendence GL800A			M600 Series RC	DLG60A	GL890A	GL858A	
<b>Remote video output ports</b>	USB, Mini-HDMI	USB, HDMI	USB, HDMI, SDI		USB, HDMI, 3G-SDI	-	USB, HDMI		
<b>Video transm.</b>	Lightbridge	Lightbridge 2.5 (same as Inspire 2)			Lightbridge 2	Datalink 3	Lightbridge 2		
<b>Dual user capability</b>	Master-and-Slave control	Master-and-Slave control			Master-and-Slave control	-	Master-and-Slave control		
<b>Operating frequency</b>	2.400 - 2.483 GHz 5.725 - 5.825 GHz	2.400 - 2.483 GHz 5.725 - 5.825 GHz			2.400 - 2.483 GHz 5.725 - 5.825 GHz	2.400 - 2.483 GHz	2.400 - 2.483 GHz 5.725 - 5.825 GHz (only between RCs)		
<b>Max. distance</b>	Up to 5 km (FCC) and 3.5 km (CE)	Up to 7 km (FCC) and 3.5 km (CE)			Up to 5 km (FCC) and 3.5 km (CE)	Up to 1.5 km (FCC) and 1 km (CE)	Up to 5 km (FCC) and 3.5 km (CE)		
<b>Max. altitude</b>	500m	500m			500m	50m	5000m (500m in DJI Go, possible to unlock at factory, after – flash the firmware)		
<b>Operating temperature</b>	- 10° to 40° C	- 20° C to 45° C			- 10° to 40° C	0° to 40° C	- 10° to 50° C (batteries need to be warmed, above 20°C, before operating in low temperature)		
<b>Motor model</b>	DJI 3510	DJI 3515			DJI 6010	DJI 6010	DJI 6010	DJI 10010	DJI 6010
<b>Propellers model</b>	DJI 1345S	DJI 1760S			DJI 2170R	DJI 2170R	DJI 2170R	DJI 2880	DJI 2170R
<b>Obstacle avoidance</b>	(Guidance: left, rear, right, front, down)	Front: 0.7-30m Top: 0-5m Downward VPS: 10-500 cm			-	Front and rear: 1.5 – 3.0m	-	-	-
<b>Features</b>	- Return to Home - Intelligent battery - Open SDK - Universal communication ports - Guidance and Manifold (optional)	- Smart Return to Home / Landing terrain detection - Intelligent battery - Front FPV camera / Vision positioning - DJI AirSense (built-in ADS-B receiver) - IP 43 & D-RTK (only 210 RTK) - Open SDK / PSDK - Universal communication ports (only 210 and 210 RTK)			- Return to Home - Intelligent battery - Retractable landing gear - D-RTK (optional) - Open SDK	- Return to Home - Triple radar - D-RTK (optional) - Spraying system: 4 nozzles XR11001VS (0.379L/min)	- IP43 - Onboard and Mobile SDK - Optional: D-RTK and Manifold	- IP43 - Onboard and Mobile SDK - Optional: Speaker, Supply box, D-RTK (same than M600), Manifold, Extendable landing gear	
<b>Intelligent Flight Modes</b>	Point of Interest Course Lock Home Lock	Spotlight Pro TapFly / Active Track Tripod Mode Point of Interest / Waypoints Course Lock / Home Lock			Point of Interest Waypoints Course Lock Home Lock Follow Me	Smart mode Manual mode	Home Lock Waypoints		
<b>Apps</b>	DJI Go (Android / iOS)	DJI Go 4 (Android / iOS) DJI Pilot (CrystalSky & Android tablets) DJI GS Pro (iOS) DJI FlightHub (Desktop)			DJI Go (Android / iOS)	MG Intelligent Ops DJI Agriculture management platform (only CN)	DJI Go (Android / iOS) DJI GS Pro (iOS – iPad)		