

DRONE SENTRY

DS1



Configuration	X4	
Flight Time (Single Charge)	20min w/5min reserve (Actual Operational Mission)	
Vehicle Weight	9lbs (w/o battery or payload)	
Datalinks (Full-Motion Video and Telemetry)	900MHz, 2.4GHz, and 5.8 GHz	Encryption options include AES128, AES256, FMV Ranges >3km
Battery	LiPo	16000mAh-20000mAh
Payload - Option 1	EO/IR Package	1080p EO / 160x120 IR
Payload - Option 2	EO/IR Package 2	1080p EO / 640x320 IR
Precision Landing - Option 1	IR Beacon	
Precision Landing - Option 2	UWB System	
Parachute/Recovery System	Yes	
Forward Obstacle Avoidance (Static)	Yes	60m range Forward facing only
Machine Learning System	Yes	

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