

A COMPARISON OF FIXED-WING MAPPING DRONES

The detailed technical specification comparison that will help you choose the best UAV for your needs.



Product name	GeoHawk	DeltaQuad Pro #MAP	WingtraOne Gen II	Trinity F90+	Marlyn	eBee X
Product image						
Platform type	Redundant VTOL	Redundant VTOL	Tailsitter VTOL	Tiltrotor VTOL	Tailsitter VTOL	Fixed-wing
Max. flight distance (*cargo)	190 km (100 km)	100 km	60 km	90 km	90 km	60 - 100 km
Max. flight time (cargo*)	150 min. (90 min.*)	110 minutes	59 minutes	90 minutes	50 minutes	60/90 minutes
Coverage	1200 HA	1200 HA	400 HA	700 HA	600 HA	220 HA / 500 HA
Precision	<1 CM	<1 CM	<1 CM	<2 CM	<1 CM	>3 CM
Wingspan	212 CM	235 CM	125 CM	239 CM	160 CM	116 CM
Cruising speed	90 km/h (25 m/s)	65 km/h (18 m/s)	58 km/h (16 m/s)	61 km/h (17 m/s)	90 km/h (25 m/s)	40-110 km/h (11-30 m/s)
Control range	40 KM	10 KM / 30 KM / 50 KM	10 KM	7.5 KM	7 KM / 20 KM	8 KM
Max resolution	SONY 61 Megapixel	61 Megapixel	42 Megapixel	42 Megapixel	61 Megapixel	24 Megapixel
Main material	Glass-fibre / Carbon-fiber composite	Rugged EPO	Glass-fiber composite	PP	EPP	PP
2-axis stabilized gimbal	✓	✗	✗	✗	✗	✗
Live video	✓ / ✗	✓	✗	✗	✗	✗
Swappable payloads	✓	✓	✓	✓	✓	✓
Payload compartment, mm	256 × 188 × 170 - 125	200 × 120 × 80				
Payload weight (cargo*), gr	1500 (3500*)	1200	800	700	1000	
Travel case, cm	95 × 69 × 37		137 × 67 × 23	100 × 83 × 27		
Package price (approxim.)	€ 23.990,00	€ 20.993,00	€ 29.600,00	€ 21.990,00	€ 29.450,00	€ 22.550,00