

UAV Family SkyEye

Unmanned Aerial Systems & Services



Engineered and manufactured
in Slovenia, Europe
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SkyEye Delta

SkyEye Sierra

SkyEye Sierra VTOL

Tango VTOL

Availability	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
Physical				
Aircraft Weight (Max)	6.25 kg	12.5 kg	12.5 kg	19,0 kg
Aircraft Dimensions (Assembled)	229 x 99 cm	300 x 152 cm	310 x 152 cm	300 x 190 cm
Propulsion	Electric	Electric or Gas	Electric or Electric+Gas	Electric or Electric+Gas
Payload Weight (Max)	2 kg	5 kg	3 kg	5 kg
Payload Dimensions (Max)	35 x 18 x 14 cm	35 x 18 x 14 cm	35 x 18 x 14 cm	45 x 23 x 23 cm
Payload Power (Max)	15W @ 5V and 35W @ 12V (Mauch Premium line). Stronger power supply on demand.			
Communications				
Frequency (Primary)	868 MHz or 900 MHz			
Transmit Power (Primary)	1 W max (configurable)			
Bandwidth (Primary)	57 kbps			
Range (Primary)	20+ km line of sight			
Protocol (Primary)	MAVLink			
Transceiver (Backup)	RC PPM			
Flight				
Airspeed (Cruise)	16 m/s (58 km/h)	18 m/s (65 km/h)	18 m/s (65 km/h)	20 m/s (72 km/h)
Airspeed (Max)	28 m/s (100 km/h)	35 m/s (125 km/h)	30 m/s (110 km/h)	35 m/s (125 km/h)
Range (at Cruise)	LiPo - 140 km, LiIon - 200 km	500 km	320 km	420 km
Endurance (at Cruise)	LiPo - 2.5 hrs., LiIon - 3.5 hrs.	4.5 hrs. Electric - 8 hrs. Gas	3 hrs. Electric - 5 hrs. Gas	2.5 hrs. Electric - 6 hrs. Gas
Operations				
Launch	Elastic launcher Scorpion	Runway (15 x 150 m), pneumatic launcher Scorpion	10 x 10 m autonomous, 5 x 5 m autonomous + operator	
Landing	Terrestrial (10 x 100m), parachute (30 x 30m)	Runway (15 x 150m), parachute (30 x 30m)	10 x 10 m autonomous, 5 x 5 m autonomous + operator	

Contact info@elevonx.com for tailored UAV/UAS quote.