



SkyEye Charlie

SkyEye Delta

SkyEye Sierra

SkyEye Sierra VTOL

Availability	Q3 2020	AVAILABLE	AVAILABLE	AVAILABLE
Physical				
Aircraft Weight (Max)	4.0 kg	6.25 kg	12.5 kg	12.5 kg
Aircraft Dimensions (Assembled)	250 x 145 cm	229 x 99 cm	300 x 152 cm	310 x 152 cm
Propulsion	Electric	Electric	Electric or Gas	Electric or Electric+Gas
Payload Weight (Max)	0.75 kg	2 kg	5 kg	3 kg
Payload Dimensions (Max)	35 x 18 x 14 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			
Tranceiver (Backup)	RC PPM			
Flight				
Airspeed (Cruise)	14 m/s (50 km/h)	16 m/s (58 km/h)	18 m/s (65 km/h)	18 m/s (65 km/h)
Airspeed (Max)	25 m/s (90 km/h)	28 m/s (100 km/h)	35 m/s (125 km/h)	30 m/s (110 km/h)
Range (at Cruise)	75 km	LiPo - 140 km, LiIon - 200 km	500 km	320 km
Endurance (at Cruise)	1.5 hr.	LiPo - 2.5 hrs., LiIon - 3.5 hrs.	4.5 hrs. Electric - 8 hrs. Gas	3 hrs. Electric - 5 hrs. Gas
Operations				
Launch	Hand launch, elastic launcher Scorpion	Elastic launcher Scorpion	Runway (15 x 150 m), pneumatic launcher Scorpion	Vertical - 10 x 10 m
Landing	Terrestrial (10 x 50m), parachute (30 x 30m)	Terrestrial (10 x 100m), parachute (30 x 30m)	Runway (15 x 150m), parachute (30 x 30m)	Vertical - 10 x 10 m

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