



## SC-ISR specification

Max Flight Time:	72 min
Maximum airspeed	27 m/s (100 km/h)
Maximum wind speed (continuous)	12 m/s
IP rating equivalent	23
Battery	25.5V 600Wh
Temperature range	-20°C to 50°C
Standard Hovering Accuracy (GPS)	Vertical: $\pm 0.5$ m, Horizontal: $\pm 1.5$ m
Proven GNSS denied capable operation	Yes
Recommend cruise speed	15 m/s (55 km/h)
Maximum operating altitude ASL	3000 m

### Sensor

40x zoom EO & 6x zoom IR, 3 axis gimbal, target tracking, classification & slant range estimator.

### Interceptor Avoidance

360° radar detection from 20m & automatic evasive action

### Ground Control Station & Antenna

Multi-frequency EW resilient	1.6-2.5 Ghz frequency hopping
Transmission Distance	>10 km

### Weight

Airframe mass	2.7kg
TOW including 600Wh battery	4.7kg
Aircraft Maximum Take-off Weight (MTOW)	5.7 kg
Maximum Recommended Payload	1 kg
Thrust-to-weight Ratio (1kg payload)	2:1

### Dimensions

	Folded	Unfolded
Length	340mm	530mm
Width	300 mm	530mm
Height	210 mm	240mm
Diagonal motor to motor		800mm
Max Width (propeller tip to tip)		1200mm

### Complete system

SC-ISR, GCS, ground radio antenna assembly, 3 batteries, 25m antenna cable, battery charger

W: [skycutteruas.co.uk](http://skycutteruas.co.uk)

E: [info@skycutteruas.co.uk](mailto:info@skycutteruas.co.uk)

