

The **Draganfly Search and Rescue Drone (SRD)** is a high endurance, dual battery, small and nimble Unmanned Aerial System (sUAS). The dual battery system provides extended flight time and increased safety. The **Draganfly Search and Rescue Drone (SRD)** is available for customization and development to best fit your specific mission specs.

Dimensions

Width	87.3cm (34.4in)
Length	87.3cm (34.4in)
Top diameter	107cm (42in)
Height	29.46cm (11.6in)

Weight And Payload

Helicopter w/battery	2,750g (6lbs)
Payload capacity	1,000g (2.2lbs)
Max take-off weight	3,750g (8.26lbs)

Flight Characteristics

Max climb rate	2m/s (393ft/min)
Max descent rate	2m/s (393ft/min)
Max turn rate	90 degrees/sec
Max mission speed	18m/s (64km/hr)
Minimum air speed	0m/s (0km/hr)
Max climb rate	VTOL
Typical flight time	30 min (w/ payload)
Ceiling ASL	(8,000ft density altitude)

Automated Mission Types

- Grid and 90-degree double grid
- Corridor mapping
- Target stare point
- Waypoint

Payload Options

for all mission specs:

- FLIR DUOPROR Camera
- 24MP RGB Photography Camera
- 10X ZOOM RGB Camera
- REDEDGE MX Mapping Camera
- 24MP RGB Mapping Camera

Custom Integration Options

for a wide range of sensors including:

- FLIR VuePro R
- MicaSense RedEdge MX 10 band
- MicaSense Altum
- Corning Micro HSI 410 Shark



Specifications may change in the course of continuous improvement.