

The **Draganfly Tango2** is a high endurance, dual battery, small Unmanned Aerial System (sUAS) capable of carrying a wide array of payload systems. The aircraft utilizes the Draganfly intelligent power management system to extend flight time while increasing safety. This ready-to-fly solution is ideal for agricultural monitoring and research, mapping, surveying, environmental monitoring, and search and rescue.

The **Draganfly Tango2** is a complete, ready-to-fly, multi-mission capable system with interchangeable payloads and fully automated flight. The Draganfly catapult is designed to get the aircraft launched safely with minimal risk to the aircraft, crew, or mission.



Flight Performance

Quality composite construction and the unique active nacelle pusher design provides an efficient, reliable, and stable aerial platform. The expansive wing surface area of the Tango2 provides the ability to fly at slower speeds, which enables greater image resolution, precision, and control over safe landings.

Power Options

Battery options include two main 99Wh Lithium Ion packs plus two additional batteries can be added for extended flight times. Optional solar panels on the wings provide continual flight during daylight hours

Powerful Payloads

The modular payload bay has the ability to support multi-axis stabilized data acquisition options such as high-res EO color, thermal, multi-spectral, LIDAR, hyperspectral, and others. The integrated forwardfacing camera allows for FPV operation while the included autopilot will assist with mapping, surveying, agriculture, and critical public safety missions.

Dimensions

Width	2000mm (78.75in)
Length	1055mm (41.5in)
Height	310mm (12.2in)

Weight and Performance

Aircraft without payload	3.5kg (7.7lbs)
Payload capacity	1.5kg (3.3lbs)
Payload size	335 x 125 x 160mm
Max take-off weight	5kg (11lbs)
Cruise speed	12m/s
Battery	Multiple Lithium Ion 4s 6750mAh
Endurance	2 hours - standard packs 4 hours - additional packs 14+ hours with solar
Range to ground station	5km

Position Navigation Lights

1 watt LED variable brightness
Luminous flux at full brightness **40lm**
 Standard aircraft colors: **red, green, and white**