

DRAGANFLY TANGO2

Draganfly Tango2, fully autonomous, high endurance, aerial platform that supports a wide range of aerial payload systems and delivers exceptional performance.



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 not only extend flight time but extend an increased level of safety. The Draganfly Tango2 is ideal for surveying, aerial 3D modeling, mapping, search and rescue, or a variety of high endurance applications.

Flight Performance:

High quality composite construction and the unique 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 the ability to safely land.



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 forward-facing camera allows for FPV operation while the included autopilot will assist with mapping, surveying, agriculture, and critical public safety missions.

Aircraft Specifications

Dimensions:

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

Weights 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 battery packs, 4s 6750mAh
- Endurance: 2 hours with standard packs, 4 hours with 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