

The **Draganflyer Commander2** is a multi-mission, high-endurance, electric small Unmanned Aerial System (sUAS) that supports both fully- and semi-automated missions, as well as manual flight operations. Our patented carbon fiber folding airframe and wide range of interchangeable payloads makes this system a must-have in your toolkit for capturing high-resolution imagery.



Proudly North American

Exclusively designed, developed, and manufactured in Canada, the Commander2 complies with 'Built-in-North America' requirements. Featuring North American built and sourced flight controllers, sensors, radios, and encrypted communications, you can be confident in the integrity of both your data and your investment.

Flexible Mission Planning

Equipped with a new flight controller, the Commander2 operates with MavLink-based mission planning software to provide powerful and easy to operate flight planning options for fully and semi automated missions as well as manual flight operations.

Custom Integration and Design

The Commander2 is not just a hardware package; this system is available for customization and development to best fit your needs and applications. Backed by over 23 years of UAV development experience, you can be confident in a system that is truly tailored for your mission.

Interchangeable Payload

Offered with a range of RGB 10x zoom, RGB, Multispectral, Thermal IR, and Hyperspectral sensors, the Commander2 has a wide selection of tightly integrated payloads to meet your data collection needs. All payloads are quickly interchangeable between flights and include sensors from MicaSense, FLIR, Sony, and Corning. As always, Draganfly continues to offer custom payload integration for specialized sensors.

Dimensions

Width	87.3cm (34.4in) (with propellers)
Length	87.3cm (34.4in) (with propellers)
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 (0kmr/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

RTK Ready

The Commander2 is available with an optional PPK/RTK enabled GPS system and basestation to provide improved absolute accuracy during data collection.