

DRAGANFLYUCS

Universal Control System

Draganfly Universal Control System, a complete, ergonomically designed handheld ground control system.



The Draganfly Universal Control System (UCS) is a complete, handheld Ground Control System (GCS). The UCS takes a modular approach to leverage the most value from your tablet computer. Snap it into the UCS and you have a full function GCS. When the project or mission is complete, remove the tablet to start processing data, review video with a client over lunch, and complete your work. The UCS is designed to provide precise control over sUAS helicopters, fixed-wing, and ground-based robots. Draganfly software provides sophisticated flight planning, automated takeoff, grid following, waypoints, landing, data collection, and video downlink.



Unique Features:

- Modular design
- Supports multiple tablets
- Supports helicopters, fixed-wing, robots
- Ergonomic design in balance and fit
- Quality gimbals and components
- Secure digital video down-link
- Two-way audio for robots

Multiple Personalities:

A handheld controller being able to operate different vehicles isn't new, but what brings added value to the solution is a software environment that adapts and changes to the characteristics of each different vehicle.

For flight planning the system provides all the information needed to design the flight. For large projects, you have the ability to "link" search grids and all the other features you've come to expect from a quality GCS.

Connect to the DraganScout ground-based robot and the interface changes to provide robot configuration controls, two-way audio, and displays multiple video feeds.

Summary:

The Draganfly UCS is a versatile, ergonomically designed, handheld ground control system to provide precise control over a wide variety of vehicles, collect data, display digital video down-link, and supports two-way audio.

UCS Specifications

Specifications are subject to change

Dimensions without tablet:

- Width: 12.25"
- Length: 5.75"
- Height: 2.75"