

Overview



Pictured with Sony QX100 payload



Quick Release Payload System



Sony QX100 2-axis Gimbal



Custom Colors are available



Handheld Controller

Company:

Draganfly Innovations Inc. is the world's longest running multi-rotor, Small Unmanned Aircraft System (sUAS) manufacturer, established in 1998. Draganfly has many world's firsts, including the first sUAS to save a life, which occurred in May of 2013 flown by the Royal Canadian Mounted Police and recognized by the Smithsonian National Air and Space Museum.

Description:

Draganflyers are perfect for high-stress, high-risk applications because they are:

- *easy to use*
- *quick to deploy*
- *fully calibrated at factory*
- *a complete solution with everything included*
- *backed by life-time telephone and e-mail tech support*

Save time, money, and lives by choosing Draganfly, the most experienced commercial sUAS company in the world.

Transport Canada Compliant:

Tested to national standards for commercial UAV operations in one of the busiest airspaces in the world, with over 12 million aircraft movements per year throughout the country.



Transport Canada

Support:

Leverage Draganfly's experience developing successful sUAS programs around the world. With the purchase of any Draganflyer sUAS, program

development consulting and life-time telephone and e-mail support are included at no additional cost.

Features:

The Draganflyer Guardian comes with a strong list of industry trend setting features such as:

- *small form factor*
- *quick release payload system*
- *quick release landing gear*

Also included is the Draganfly digital video down-link system with digital base-station, allowing you to connect several live viewing devices, acting as a true force multiplier.

The custom made handheld controller features a direct sunlight viewable OLED touch screen to monitor critical aircraft telemetry, control the aircraft, and provide camera tilt, zoom, and shutter controls.

- *sunlight viewable telemetry screen*
- *audible alerts*
- *ergonomically designed*
- *wireless linking to other controllers*

Handheld controller wireless linking is useful in applications such as flight training or applications where a second controller is used with a dedicated camera or payload operator.

Contact Us:

Sales information:

Phone: [1-800-979-9794](tel:1-800-979-9794)
International: [1-306-955-9907](tel:1-306-955-9907)
Online: www.draganfly.com
e-mail: sales@draganfly.com
Reference: VS701019



<https://www.draganfly.com>

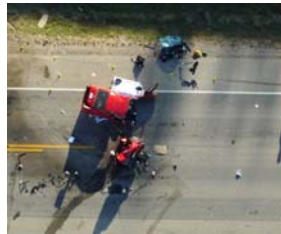
Draganflyer Guardian Mapping Equipment List

- (1) Rugged transport case
- (1) Draganflyer Guardian airframe
- (1) Quick release 2-axis stabilized mount
- (1) Sony QX100 Camera
 - 20mp 1" sensor, 3.6x optical zoom color camera
- (1) Handheld controller
- (1) Live video viewing tablet
- (1) Draganfly IP base station and stand
 - Includes mini tripod and one 1350mAh battery
- (2) 2800mAh Li-ION flight batteries
 - Approximately 11 minutes flight time/battery
- (6) Guardian props (2 spare)
- (1) Dual port Lithium Ion battery charger
 - Charge two batteries at once
 - Battery fire retardant safety bag
- (1) Draganfly Surveyor flight software
 - Windows tablet or laptop is required but not included with this package
- (1) Pix4D Mapper perpetual license
 - One device
 - Includes Pix4D Cloud
- (1) Set of accessories
 - (1) Aircraft tool kit
 - (1) Safety glasses
- (1) USB with all documentation
 - Pre-flight checklist
 - Post-flight checklist
 - Emergency procedures
 - Maintenance schedule
 - Equipment manuals
 - Pilot log book
 - System log book

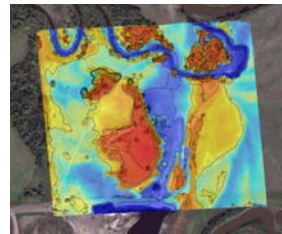


Pictured with Sony QX100 payload

Compelling Use Cases:



Accident Reconstruction



DSM with Contour Lines



Roof Inspection



Real Estate



3D Modeling and Mapping



Inventory & Waste Calculations

Technical Specifications

Maximum Takeoff Weight: 1.32kg (2.9lbs)

Maximum Payload: 420gr (.9lbs)

Maximum Speed: 50km/h (31mph)

Max Flight Time w/Payload: 11 minutes

Max Operating Range: Visual Line of Sight

Controller Range: North America 2km

Controller Range: International 1km

Operating Temp: -24C (-13F) to +38C (100.4F)

Maximum Wind Speed: 35km/h (22mph)



MEASURE FROM IMAGES

Pix4D utilizes 2D images to produce highly precise, geo-referenced maps, mosaics, and 3D models.

Record, document, and calculate situations quickly, accurately, and non-invasively.

Export deliverables in 23 file formats compatible with CAD and GIS software.

Base price: \$14,495 USD

Phone: [1-800-979-9794](tel:1-800-979-9794) International: [1-306-955-9907](tel:1-306-955-9907)
Online: www.draganfly.com e-mail: sales@draganfly.com



<https://www.draganfly.com>

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 - Maintenance schedule
 - Equipment manuals
 - Pilot log book
 - System log book



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Emergency Response



Tower Inspections



Real Estate



Site Management



Infrastructure Inspection

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Please note: Mission planning and post processing software are not included. Software to consider is Draganfly Surveyor Mission Planning Software and Pix4D Mapper.



<http://www.draganfly.com/software-integration>



MEASURE FROM IMAGES

<https://pix4d.com/>

Base price: \$7,995 USD

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