



Pictured with dual FLIR and E/O payload



Advanced Dual Battery System



Patented Folding Airframe



Handheld Controller



Wireless Battery Status App

### 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 Commander comes with a strong list of industry trend setting features such as:

- *quick release payload system*
- *quick release keyed props*
- *dual battery system provides redundancy*
- *patented carbon fiber folding airframe*
- *patented folding landing gear*
- *terrain sensor mitigates tip-overs*

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](http://www.draganfly.com)  
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Reference: VS801019



<https://www.draganfly.com>

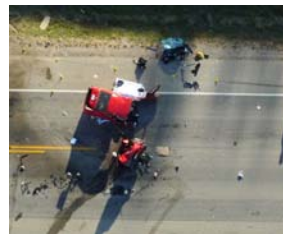
## Draganflyer Commander MAX Equipment List

- (1) Rugged transport case
- (1) Accessory transport case
- (1) Draganflyer Commander airframe
- (1) Quick release 2-axis stabilized mount
- (1) Dual payload
  - 20mp 1" sensor, 3.6x optical zoom color camera
  - FLIR Vue Pro 640 Infra-Red camera
- (2) Handheld controllers
  - Allows for wirelessly linked dedicated pilot and camera operator
- (1) Live video viewing tablet
- (1) Draganfly IP base station and stand
  - Includes mini tripod and one 1350mAh battery
- (6) 6750mAh DraganFuel HV flight batteries
- (6) Quick release 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

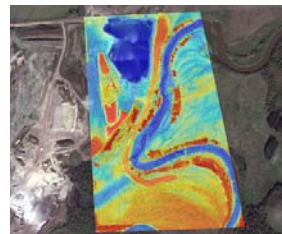


Simultaneous dual video stream from both the FLIR and E/O cameras

## Compelling Use Cases:



Collision Reconstruction



Digital Surface Modeling



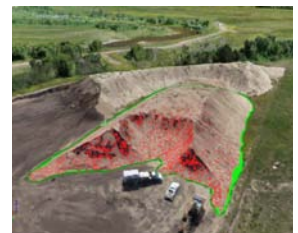
Tactical Overwatch



Industrial Inspection



Search and Rescue



Inventory and Waste Calculations

## Technical Specifications

- Maximum Takeoff Weight:** 3.75kg (8.3lbs)
- Maximum Payload:** 1.0kg (2.2lbs)
- Maximum Speed:** 50km/h (31mph)
- Max Flight Time w/Payload:** 25 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: \$39,995 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](http://www.draganfly.com) e-mail: [sales@draganfly.com](mailto:sales@draganfly.com)



<https://www.draganfly.com>

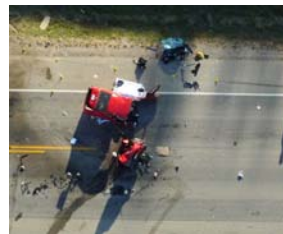
## Draganflyer Commander Public Safety Equipment List

- (1) Rugged transport case
- (1) Accessory transport case
- (1) Draganflyer Commander airframe
- (1) Quick release 2-axis stabilized mount
- (1) Dual payload
  - 20mp 1" sensor, 3.6x optical zoom color camera
  - FLIR Vue Pro 640 Infra-Red camera
- (2) Handheld controllers
  - Allows for wirelessly linked dedicated pilot and camera operator
- (1) Live video viewing tablet
- (1) Draganfly IP base station and stand
  - Includes mini tripod and one 1350mAh battery
- (6) 6750mAh DraganFuel HV flight batteries
- (6) Quick release 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) 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

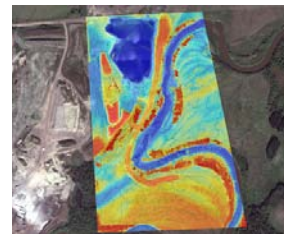


Simultaneous dual video stream from both the FLIR and E/O cameras

### Compelling Use Cases:



Collision Reconstruction



Digital Surface Modeling



Tactical Oversight



Site Monitoring



Search and Rescue



Fire Services

### Technical Specifications

- Maximum Takeoff Weight:** 3.75kg (8.3lbs)
- Maximum Payload:** 1.0kg (2.2lbs)
- Maximum Speed:** 50km/h (31mph)
- Max Flight Time w/Payload:** 25 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)

**Please note:** Post processing software for 3D modeling and mapping is not included. Software to consider is Pix4D Mapper.



Base price: \$32,495 USD

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<https://www.draganfly.com>



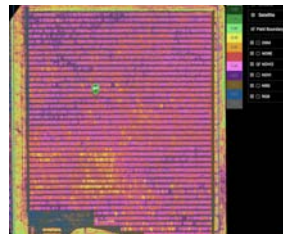
## Draganflyer Commander Pro-Ag Equipment List

- (1) Rugged transport case
- (1) Accessory transport case
- (1) Draganflyer Commander airframe
- (1) Quick release 2-axis stabilized mount
- (1) MicaSense RedEdge-MX Multispectral
  - Capture rate: 1 capture/second (all bands) 12-bit RAW
  - FOV: 47.2 Degrees HFOV
  - GSD: 8cm/pixel/band @400'AGL
  - Spectral Bands: Blue, green, red, red edge, near IR (global shutter, narrowband)
- (1) Handheld controller
- (6) 6750mAh DraganFuel HV flight batteries
- (6) Quick release 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) Set of accessories
  - (1) Aircraft tool kit
  - (1) Safety glasses
- (1) USB with all documentation
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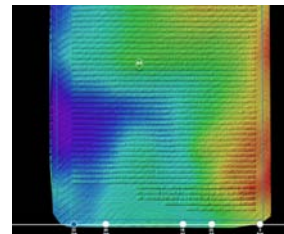


Pictured with MicaSense RedEdge MX Multispectral Payload

### Compelling Use Cases:



Crop Health Assessment



Digital Surface Modeling



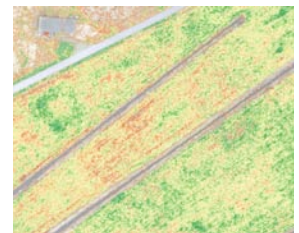
Monitor Irrigation



Improve Yields



CIR Composite Analysis



NDVI Analysis

### Technical Specifications

- Maximum Takeoff Weight:** 3.75kg (8.3lbs)
- Maximum Payload:** 1.0kg (2.2lbs)
- Maximum Speed:** 50km/h (31mph)
- Max Flight Time w/Payload:** 28 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)

**Please note:** Post processing software is not included. Software to consider is Pix4D Mapper or MicaSense Atlas.



Base price: \$29,995 USD

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<https://www.draganfly.com>

## Draganflyer Commander Mapping Equipment List

- (1) Rugged transport case
- (1) Accessory transport case
- (1) Draganflyer Commander 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
- (4) 6750mAh DraganFuel HV flight batteries
- (6) Quick release 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
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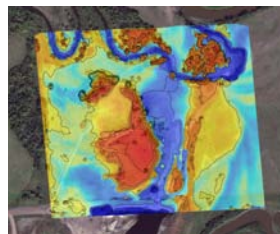


Pictured with QX100 Payload

### 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:** 3.75kg (8.3lbs)

**Maximum Payload:** 1.0kg (2.2lbs)

**Maximum Speed:** 50km/h (31mph)

**Max Flight Time w/Payload:** 32 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

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Base price: \$28,495 USD

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<https://www.draganfly.com>

## Draganflyer Commander Photography Equipment List

- (1) Rugged transport case
- (1) Accessory transport case
- (1) Draganflyer Commander airframe
- (1) Quick release 2-axis stabilized mount
- (1) Sony RX100 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
- (4) 6750mAh DraganFuel HV flight batteries
- (6) Quick release props (2 spare)
- (1) Dual port Lithium Ion battery charger
  - Charge two batteries at once
  - Battery fire retardant safety bag
- (1) Set of accessories
  - (1) Aircraft tool kit
  - (1) Safety glasses
- (1) USB with all documentation
  - Pre-flight checklist
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  - System log book



Pictured with RX100 Payload

### Compelling Use Cases:



Accident Reconstruction



Emergency Response



Tower Inspections



Real Estate



Site Management



Infrastructure Inspection

### Technical Specifications

**Maximum Takeoff Weight:** 3.75kg (8.3lbs)

**Maximum Payload:** 1.0kg (2.2lbs)

**Maximum Speed:** 50km/h (31mph)

**Max Flight Time w/Payload:** 28 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)

**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: \$22,495 USD

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