draganFLY™ INC

Draganfly
Universal Payload Options

Payloads are mountable on **all Draganfly airframes,** and customizable to suit all your mission specifications.

FLIR VueProR Camera   DF-GIM-VUEPROR-1A

- **3 axis stabilized gimbal** with remote control of tilt and pan
- Remote operation for shutter and video recording
- Real time video link
- Automated data collection through **DGroundControl**
- **NDAA** compliant
- Sensor Resolution .... **640 x 512**
- Spectral Band: .... **7.5 - 13.5µm**
- Accuracy .... **+/- 5° C or 5%**

24MP RGB Photography Camera   DF-GIM-ADTI-1A

- **3 axis stabilized gimbal** with remote control of tilt and pan
- **24MP RGB** still imagery
- **Sony APS-C CMOS** sensor
- Interchangeable E-mount lens
- Includes **Sony 16-55mm** lens with electronic zoom
- Remote operation for zoom, shutter, and video recording
- Automated data collection through **DGroundControl**
- Real time video link

10x Zoom RGB Camera   DF-GIM-10X-1A

- **3 axis stabilized gimbal** with remote control of tilt and pan
- 1/3" **Panasonic CMOS** sensor
- **2.4MP RGB** still imagery
- 1920 x 1080 recorded video
- **10x optical zoom**
- Remote operation for zoom, shutter, and video recording
- Automated data collection through **DGroundControl**
- Real time video link

60MP RGB Camera DF-GIM-ADTI60-1A

- **3 axis stabilized gimbal** with remote control of tilt and pan
- **60MP RGB** still imagery
- Full Frame **BSI COMS** sensor
- Interchangeable E-mount lens
- Includes **Rokinon 35mm F2.8** AF lens
- Remote operation for shutter
- Automated data collection through **DGroundControl**
- Real time video link

Rededge-MX Dual Camera DF-MAPGIM-MX10-1A

- **2 axis stabilized gimbal** with remote tilt control

Gimbal is stabilized on pitch and roll only to maintain NADIR orientation.

- 5 Band **Multispectral, Thermal, and Panchromatic RGB**
- Automated data collection through **DGroundControl**
- Remote control for shutter
- Integrated **MicaSense DLS2**
- **NDAA** compliant

Spectral Bands

- Blue .... **475nm (32nm)**
- Green .... **560nm (27nm)**
- Red .... **668nm (14nm)**
- RedEdge .... **717nm (12nm)**
- NIR .... **842nm (57nm)**

Resolution

- Multispectral .... **3.2MP per band**
- RGB .... **12MP per band**
- Thermal **320x256**

Rededge-P Mapping Camera DF-MAPGIM-REDEDGEP-1A

- **2 axis stabilized gimbal** with remote tilt control

Gimbal is stabilized on pitch and roll only to maintain NADIR mapping orientation.

- Automated data collection through **DGroundControl**
- Remote control for shutter
- Incorporates **MicaSense DLS2**
- **NDAA** compliant

Spectral Bands

- Blue .... **475nm (32nm)**
- Green .... **560nm (27nm)**
- Red .... **668nm (14nm)**
- RedEdge .... **717nm (12nm)**
- NIR .... **842nm (57nm)**

GSD at **120m (400ft)** AGL

7.7cm/pixel multi-spectral

3.98cm/pixel panchromatic

24MP RGB Mapping Camera

• **2 axis stabilized gimbal** with remote tilt control

Gimbal is stabilized on pitch and roll only to maintain NADIR orientation.

• **24MP RGB** still imagery

• **Sony APS-C CMOS** sensor

• Automated data collection through **DGroundControl**

• Remote operation of shutter, and video recording

• Real time video link

• Interchangeable E-Mount lens

• Includes **Sony 20 mm** lens

Custom integration options for a wide range of sensor manufacturers including:

• **FLIR**   • **Corning**

• **MicaSense**   • **Sony**

Rededge-MX Dual Camera

• **2 axis stabilized gimbal** with remote tilt control

Gimbal is stabilized on pitch and roll only to maintain NADIR mapping orientation.

• Automated data collection through **DGroundControl**

• Remote control for shutter

• Incorporates **MicaSense DLS2**

• **NDAA** compliant

Spectral Bands

MX Red

• Blue	**475nm (32nm)**
• Green	**560nm (27nm)**
• Red	**668nm (14nm)**
• RedEdge	**717nm (12nm)**
• NIR	**842nm (57nm)**

MX Blue

• Coastal Blue	**444nm (28nm)**
• Blue	**475nm (32nm)**
• Green	**531nm (14nm)**
• Green	**560nm (27nm)**
• Red	**650nm (16nm)**

GSD at **8cm/pixel at 120m(400ft) AGL**

We partner with the **best sensor manufacturers globally** and integrate a diverse range of sensors and cameras into our OEM and third-party drone infrastructure to support unique use cases. Our team will be happy to work with you to design and develop a **custom solution** to efficiently capture your niche dataset from the air.