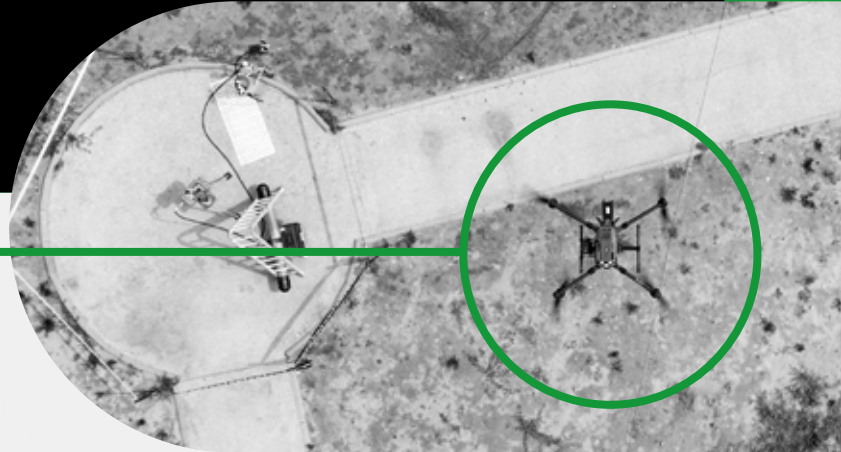




# EyeCGas Fly

EyeCGas Fly OGI is the worlds most sensitive OGI camera designed for drone & airborne platforms. Detecting and visualizing Methane and over 400 VOC's.



EyeCGas Fly was specially designed to easily integrate on drones & airborne platforms, offering a low weight and volume design along.

EyeCGas Fly enables detection using unique built-in image processing algorithms, images and video recording, as well as live streaming.

## KEY FEATURES

- **Gas Leak Detection**

Quick detection of methane, CO, CO2 and Volatile Organic Compounds (VOC's) leaks

- **High Sensitivity**

Most sensitive sensor design enables detecting smaller leaks / Perform detection from longer distances

- **Gas Quantification (Optional)**

Built-in Wi-Fi, GPS, hotspot and Bluetooth capabilities

- **Thermographic Imaging**

Temperature measurements capabilities and color pallets for better versatility

- **EPA 0000a Compliant**

Complies with the EPA's Quad Oa (0000a) regulations

- **Seamless integration**

Especially designed to allow quick and easy integration on drones & gimbaled platforms

- **Compact design**

Low weight, compact size enables integration with smaller platforms





## SPECIFICATIONS

IR Field-of-View	18.2° x 13.6°
Lens	18.2°, f = 30 mm, F1.1
Focus Modes	∞ Fixed
Thermal Sensitivity/NETD	<10 millikelvin @ 25°C
Spectral Filter	3.2 – 3.4 μm
IR Resolution	320 x 240 pixels
IFOV	1 mRad [30um pitch]
Full Frame Rate	15 Hz
Day camera resolution	2592x1944
Output resolution	640x480
Image modes [remote control]	IR-image, visual image, enhanced, thermometer
Quantification	Remote EyeCSite / Offline**
Temperature measurement range	-20 to +350°C
Temperature measurement accuracy	± 1°C for temp range 0 to 100°C, ± 2% of reading for temp range >+100°C, or ± 2°C for temp range <0°C

Start-up time	< 10 min @ 25°C	
Operating temperature range	-20 to +40°C	
Internal storage	55 Gbyte for user	
External Interfaces	USB Port	USB mass storage
	12p Multi port	Ethernet [DHCP client]v
		Power in [12V]
	Maintenance port	
Start-up time	< 12 min @ 25°C	
Weight	1.4750 kg (3.09 lbs)	
Size incl. lens (LxWxH)	194mm x 103.5mm x 94.5 mm	
Ingress Protection	IP55 (not tested yet)	
Mounting	1/4-20 Tripod Mount	

\*\* planned



\*Gimbal not included. For general information only

