

EyeCGas Fly



Take Your Emissions Detection to the Next Level!

Experience the power of the world's most sensitive OGI camera—now from the air. Bringing unmatched OGI precision to aerial inspections. Equipped with advanced proprietary algorithms, with the Opgal Connect app, get full wireless command of the camera right from your controller. Making leak detection faster and safer!



Unmatched OGI Sensitivity: Spot the smallest leaks instantly

Total Control: Access full camera functionality seamlessly through the Opgal Connect app

Real-Time Data: Record high-quality video, capture images, or stream live footage directly to your team



LIVE VIDEO STREAM

Enhanced Features:



Gas Detection Capabilities

Detect Methane, CO₂ and over 400 volatile organic compounds. Protect your assets and ensure environmental compliance with comprehensive, wide-range gas detection capabilities from the air



Quantify Leaks in Real Time (QOGI)

Don't just find leaks—measure them. Easily quantify emission concentrations and mass flow rates instantly through a user-friendly, real-time aerial interface



Market-Leading Sensitivity

Deploy the most sensitive OGI camera available today. Spot even the smallest issues before they become major liabilities, with a detection threshold as low as 0.35 g/hr for methane



The Official Opgal Connect App

Gain total command from the ground. Use your mobile device or tablet to adjust color palettes, capture crisp video and images, and live-stream footage in real time—drastically increasing the speed and safety of your LDAR (Leak Detection and Repair) inspections



METHANE & 400+ VOCs

REAL-TIME DETECTION

AIRBORNE PRECISION

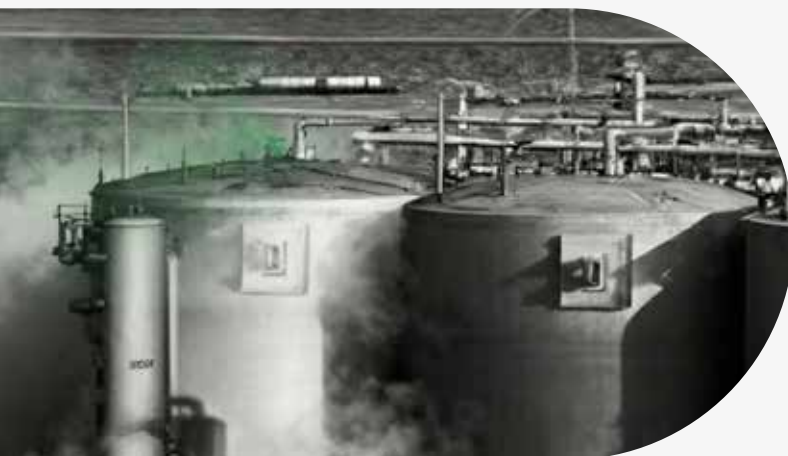
BEYOND THE VISIBLE



SPECIFICATIONS

IR Field-of-View	18.2° x 13.6°
Lens	18.2°, f = 30 mm, F1.1
Focus Modes	<input type="checkbox"/> Fixed
Thermal Sensitivity/NETD	<10 millikelvin @ 25°C
Spectral Filter	3.2 – 3.4 μm
IR Resolution	320 x 240 pixels
I FOV	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, thermography
Quantification	Built in
Ground station SW	Change image modes Record & Save images and videos
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	
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
Video output	RTSP	
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	
Compatible gimbal	Gremsy T7 & Dampling plate pro 2.0	



Opgal Connect App



Opgal Connect

