



SENTINUM24

EYECGAS® FLY

EYECGAS® MULTI

STREAM



OPTICAL GAS IMAGING & MONITORING SOLUTIONS

HAND-HELD

FIXED

AIRBORNE

QUANTIFICATION

Over 40 years of Innovation

Opgal is a global leader in high-performance Optical Gas Imaging and Emission Monitoring Solutions for the oil, gas and energy sectors. With over 40 years of field-proven expertise, we deliver world-renowned emission reduction solutions.

By combining ruggedized hardware with breakthrough algorithms and intuitive software, Opgal empowers operators in over 60 countries to enhance safety and operational efficiency.



EPA Compliant



EU Compliant



OGMP 2.0 Compliant

Sentinium24



Powered by advanced AI analytics, human precision and Opgal's proven monitoring and imaging technologies, Sentinium24 delivers uninterrupted, 24/7 monitoring — protecting people, assets, and the environment.

- 24/7 Automated Monitoring**
 Quantification of mass emission rate of the detected and monitored emission event using meteorological data and concentration data
- Human-Centered Intelligence**
 Dedicated Management & alert software
- AI-Driven Detection**
 Real time site level alerts from sensors and cameras, and triangulation analysis of emission source location
- Seamless Integration**
 Multi-channel data streaming from sensors and cameras to accurately characterize and quantify site level emissions
- Environmental Responsibility**
 Real time root cause analysis for efficient emission reductions efforts

EyeCGas® Fly



Specially designed to easily integrate on drones & airborne platforms, offering a low weight and volume design. Enables detection using unique built-in image processing algorithms, images and video recording, as well as live streaming.

- 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
- High Sensitivity**
 Most sensitive sensor design enables detecting smaller leaks / Perform detection from longer distances
- Gas Quantification**
 Quantification in leak rate (g/hr) and max concentration (e.g. ppm) values

EyeCGas® Multi



The world's most sensitive handheld Optical Gas Imaging camera in the market. Quickly and easily identifying emissions. Surpasses all the stringent international regulations. Including EPA's Appnedix K, EU Methane regulations and OGMP 2.0. With the widest performance envelope.

- Multi Spectral Filters**
 Three operator-replaceable filters for improved detection
- Connectivity**
 Built-in Wi-Fi, GPS, hotspot and Bluetooth enables connecting to 3rd party devices
- Higher Sensitivity**
 <12mK NETD. EyeCGas Multi can detect leaks as small as 0.35 g/hr (methane)
- Thermography Imaging**
 High accuracy thermographic imaging mode
- Dedicated App**
 Control the camera. Stream live feeds and transfer images directly from the official EyeCGas App
- Built - In Quantification**
 Quantification directly on the camera with an easy to use interface

Opgal Connect App



Transforms your phone or tablet into a powerful command center – giving you complete control, instant insights, and the freedom to inspect from anywhere.

- Remote Live Stream**
 Broadcast your inspection in real time to colleagues or supervisors anywhere in the world
- Full Camera Control**
 Adjust settings, capture footage, and command your camera effortlessly from your smart device
- Plume Colorization**
 Enhance visibility and detect leaks faster with intuitive colored gas plumes
- Quantification**
 Measure emissions with confidence and turn data into actionable decisions