



OPGAL Sentinium24

Where AI Vision Meets Human Precision.
24/7 Automated Intelligence.

Single Platform – Multiple Applications – Customized for Every Site

Every facility operates under unique requirements. Configure the Senticuum24 continuous monitoring platform with the precise optical and analytical capabilities suited to your specific gas detection needs.

Continuous monitoring • Optical gas imaging • Intelligent Alerts • Zero Blind Spots

Continuous monitoring. optical gas imaging. Intelligent Alerts. Zero Blind Spots.

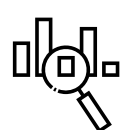
The Opgal Senticuum24 is a fully automated, fixed optical gas imaging (OGI) solution designed to continuously detect, visualize, and alert on gas emissions across oil & gas, petrochemical, and industrial facilities OGI based solution.

Powered by advanced AI analytics, human precision and Opgal's proven infrared imaging technology, Senticuum24 delivers uninterrupted, 24/7 monitoring — protecting people, assets, and the environment.

See More. Know Sooner. Act Faster.



GAS DETECTION



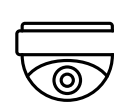
QUANTIFICATION



FLARE MONITORING



TANK LEVEL



SURVEILLANCE

Why Senticuum24

With Opgal's decades of experience in high end thermal and optical imaging, Senticuum24 combines unmatched visual clarity with intelligent automation.

It's more than a camera — it's a guardian system, blending AI vision and human precision to ensure that no emission goes unseen.

3 Models to cater all industries requirements:

Senticuum24 VOC™

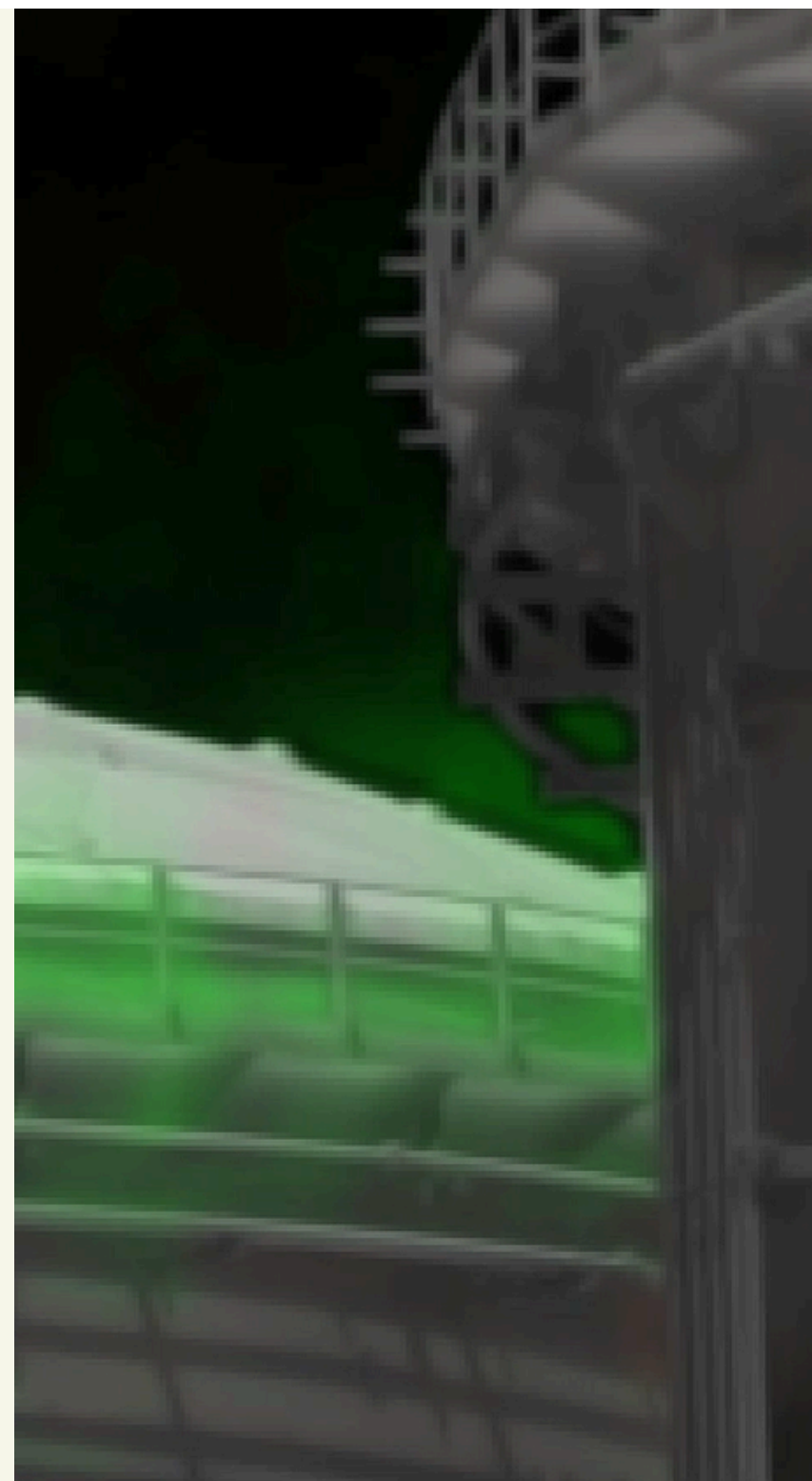
AI-powered system for volatile organic compounds detection in larger industrial operations.

Senticuum24 Methane™

Continuous AI-based methane imaging and alerting for oil & gas facilities.

Senticuum24 Ammonia™

Fixed AI-enabled ammonia emission detection for energy and chemical industries.



AI-DRIVEN DETECTION

Proprietary algorithms detect gas leaks instantly, delivering accurate alerts with minimal false alarms.



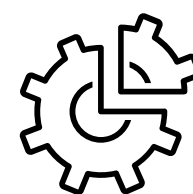
HUMAN-CENTERED INTELLIGENCE

Senticuum24 empowers operators by using process data, sensors, and AI to filter and prioritize data while experts make the key decisions.



24/7 AUTOMATED MONITORING

Engineered for nonstop performance, Senticuum24 monitors day and night in any weather.



SEAMLESS INTEGRATION

customized connectivity for instant awareness and smarter response.



ENVIRONMENTAL RESPONSIBILITY

Detect leaks early, cut emissions, and stay compliant with rising environmental and ESG standards.