OPGAL
Sentinuum24
Where AI Vision Meets Human Precision.
24/7 Automated Intelligence.

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

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The Opgal Sentinuum24 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, Sentinuum24 delivers uninterrupted, 24/7 monitoring — protecting people, assets, and the environment.

See More. Know Sooner. Act Faster.

AI-DRIVEN DETECTION	**HUMAN-CENTERED INTELLIGENCE**	**24/7 AUTOMATED MONITORING**	**SEAMLESS INTEGRATION**	**ENVIRONMENTAL RESPONSIBILITY**
Proprietary algorithms detect gas leaks instantly, delivering accurate alerts with minimal false alarms.	Sentinuum24 empowers operators by using process data, sensors, and AI to filter and prioritize data while experts make the key decisions.	Engineered for nonstop performance, Sentinuum24 monitors day and night in any weather.	customized connectivity for instant awareness and smarter response.	Detect leaks early, cut emissions, and stay compliant with rising environmental and ESG standards.

Why Sentinuum24

With Opgal's decades of experience in high end thermal and optical imaging, Sentinuum24 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:

Sentinuum24 VOC™ — AI-powered system for volatile organic compounds detection in larger industrial operations.

Sentinuum24 Methane™ — Continuous AI-based methane imaging and alerting for oil & gas facilities.

Sentinuum24 Ammonia ™ — Fixed AI-enabled ammonia emission detection for energy and chemical industries.