OPGAL SENTINEL24

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 Sentinel24™ 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, Sentinel24 delivers uninterrupted, 24/7 monitoring — protecting people, assets, and the environment.

See More. Know Sooner. Act Faster.
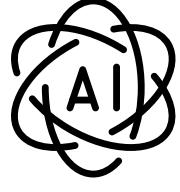
| AI-DRIVEN DETECTION	HUMAN-CENTERED INTELLIGENCE	24/7 AUTOMATED MONITORING	SEAMLESS INTEGRATION	ENVIRONMENTAL RESPONSIBILITY
Proprietary algorithms detect gas leaks instantly, delivering accurate alerts with minimal false alarms.	Sentinel24 empowers operators by using using process data, sensors, and AI to filter and prioritize data while experts make the key decisions.	Engineered for nonstop performance, Sentinel24 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.
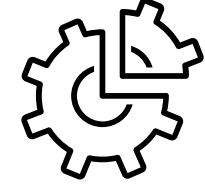
Why Sentinel24™

With Opgal's decades of experience in high end thermal and optical imaging, Sentinel24 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:

Sentinel24 VOC™	AI-powered system for volatile organic compounds detection in larger industrial operations.
Sentinel24 Methane™	Continuous AI-based methane imaging and alerting for oil & gas facilities.
Sentinel24 Ammonia ™	Fixed AI-enabled ammonia emission detection for energy and chemical industries.