



ENCINO
ENVIRONMENTAL
SERVICES

EmVision™

Continuous Optical Remote Sensing

24/7 monitoring
for hydrocarbon gas leaks



Encino's EmVision™ continuous emissions monitoring platform utilizes state of the art multispectral and hyperspectral camera systems (Optical Gas Imaging) to deliver intelligent, continuous visual emissions monitoring of emissions plumes for identification and quantification of emissions. EmVision CEMS employs cloud-server technology and data acquisition processing to continuously log critical measurements alongside area meteorological data.

You Can See the Difference with Encino

EmVision optical remote sensing delivers comprehensive, actionable, and auditable data providing you with fewer false positive alerts, a true picture of your emissions profile, and confidence in reporting from tactical compliance to strategic ESG.

Benefits

- Visual continuous emissions monitoring at the well site or facility
- High-definition, multispectral and hyperspectral imaging technology for intelligent, real-time analysis and quantification
- Real-time visual leak detection that you can see
- Comprehensive quantification of emissions volumes
- Maximize the ROI on LDAR teams
- Fix leaks fast, keep product in the pipe
- Achieve environmental performance goals
- Improved safety profile
- Capitalize on Certified Gas markets, including RSG and ICG

Camera Technology

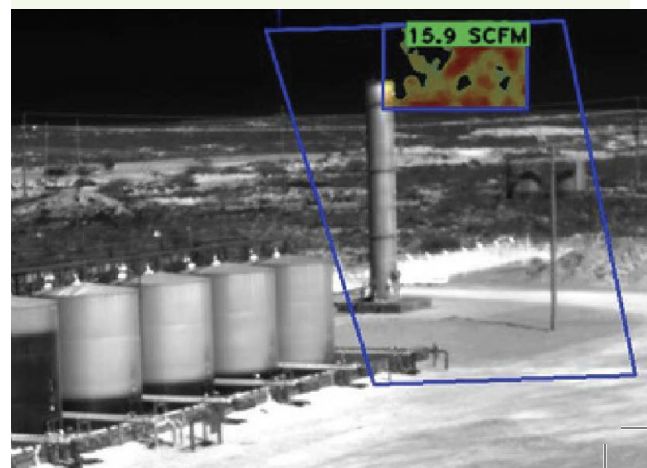
Mileva 33F is the latest model of Optical Gas Imaging for micro-leaks detection of hydrocarbon (HxCx) gases.

Spectrally optimized cooled detector of 640 x 512 pixels improves the Minimum Detectable Leak Rate (MDLR better than 0.4 g/h of CH₄).

REDLOOK AI Software

RedLook detection performance leverage AI-analytics to offer the best-in-class balance between detection performance, false alarm rate, and minimum detectable leak rate.

The configuration and commissioning of the systems is coordinated by our experts to guarantee the maximum level of performance. RedLook technology is fully oriented to automation and Encino engineers are experts in integrating RedLook within the customer ecosystems and proficient on providing the best turn-key solutions.





EmVision Mobile

Emissions Monitoring When and Where You Need It

Rapid mobilization of comprehensive continuous emissions monitoring, including methane intensity. Extendable masts make on-site deployment in the field fast and simple.

- All the benefits of EmVision at a significant cost savings from the ability to mobilize rapidly to multiple locations
- Simple and fast deployment on site
- Available as a service or for purchase.

EmVision™ Applications

- EPA methodology-compliant data for site-specific GHG and OOOOa reporting
- Prepare for upcoming regulations, including OOOOb, OOOOc and proposed climate risk reporting requirements being promulgated by the U.S. Securities and Exchange Commission
- Strategic ESG Data management and reporting
- Affirmative defense support for flyovers
- Real-time, visual monitoring of site conditions to support safety and emissions reductions through engineering or operations (ex: watching dump valves stick open)
- Immediate notification of emissions events with time-stamped records quantifying emissions volumes
- Compliance with Colorado CDPHE rules for monitoring of drilling and completions activities
- Performance Specification 8
- 40 CFR § 63.658 - Fence Line Monitoring Provisions
- EPA Method 325A - Volatile Organic Compounds from Fugitive and Area Sources

A Comprehensive View of your Emissions Profile

From tactical compliance to strategic ESG initiatives, Encino Environmental is helping Energy companies become more sustainable by evidencing that they are good stewards of the natural resources they control.



**STOP ESTIMATING.
START MEASURING.**

Reach out to discuss your environmental compliance and emissions management needs.



ENCINO
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