

Mileva 33

Handheld QOGI Camera for Hydrocarbon Gas Leaks



The SENSIA Mileva 33 is the ideal Quantitative Optical Gas Imaging (QOGI) for LDAR detection and quantification of CH₄, VOCs and Hydrocarbon Gases (HxCx). Its embedded AI-algorithms provide best-in-class detection and leak rate quantification in a sleek, ergonomic design ensuring ease of use for operators.

Handheld Camera Technology That Checks All the Boxes.

FEATURES

- Quantification on board
- ATEX Zone II Certified
- Bi-Spectral Camera IR and Visible
- Video and Picture Outputs
- Digital Zoom
- Multiple Gas Detection Modes
- GPS
- Integrated Reporting Software
- Wireless Data Export
- 3 x 2-hour batteries w/ Dual Charger



✓ COMPLIANCE-READY SOLUTIONS

- OOOOa/b/c
 - Waste Emissions Charge (baseline emissions)
 - LDAR benchmark
- OGMP 2.0

✓ APPLICATIONS

- Oil Refineries
- Oil & Gas Extraction
- Oil Terminals & Export Facilities
- Well Testing & Completion
- Offshore Platforms
- Compression & Pump Stations
- LNG Shipping Terminals
- Natural Gas Wellheads & Processing Plants
- Biogas & Power Generation Plants
- Pipeline Operations & Integrity
- Gas Processing & Treatment
- Storage Terminals & Facilities
- Fractionation Plants



SPECIFICATIONS

FPA	Cooled 640 x 512 px
Pixel Pitch	15 µm
NETD	<15 mK @ +50°C
Spectral Region	3,2 to 3,4
Lenses	35 mm
Accuracy	± 1°C (from 0° C to 120° C Scene Temp.)
Memory Storage	SD card up to 256 GB
Autonomy	3 x 2 hr
Display	TFT LCD panel 5" HD
Weight	2,4 kg
Size	260 x 150 x 80 mm
Operating Temp. Range	-20° C to +50° C
Storage Temp. Range	-40° C to +71° C
Minimum Detectable Leak	
Leak Rate (CH4)	0,4 g/h*
Certifications	IP65 (EN 60529:2018) EMC (EN 61326:2013) ATEX Zone II (EN 60079:2013) EPA OOOOa COMPLIANCE

GASES DETECTED

1,3-Butadiene	Hexane MEK
Acetic Acid	Methanal
Benzene	Methane
Butane	Methanol
Ethane	Octane
Ethanol	Pentane
Ethyl Hexyl Acrylate	Phenol
Ethylbenzene	Propane
Ethylene	Propylene
Ethylene Glycol	Toluene
Ethylene oxide	Turpentine
Heptane	

* ΔT gas-background >5 oC and outlet diameter 1/4"



The Encino Advantage

SENSIA's handheld Optical Gas Imaging (OGI) cameras have been specifically designed to detect fugitive emissions in LDAR campaigns. These OGI cameras are spectrally tuned to aim for different target gases, and as with the fixed cameras, they are divided in cooled and uncooled solutions

+1(281) 201-3544

support@encinoenviron.com

encinoenviron.com

Sensia Solutions S.L., is an Encino Environmental Company specializing in AI-Powered infrared imaging technology tailored for industrial, environmental, safety and security applications.