

SENSIA Mileva 33

Handheld QOGI Camera for
Hydrocarbon Gas Leaks



The SENSIA Mileva 33 is the Quantitative Optical Gas Imaging (QOGI) handheld camera model for the detection of fugitive emissions of hydrocarbon gases (HxCx). It integrates a spectrally optimized high-resolution cooled detector that increases the detection sensitivity for leaks down to 0.4 g/h of CH₄ or 3.47e-4 scf/m.

Handheld Camera Technology That Checks All the Boxes.

FEATURES

- Can detect leaks down to 0.4 g/h of CH₄ or 3.47e-4 scf/m
- Quantification on board
(Industry 1st to Market)
- ATEX Certified (Class 1 Div 1)
- 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 3-hour batteries w/ Dual Charger





REGULATORY COMPLIANCE

- OOOOa
- OOOOb,c
 - Appendix K
 - AMDT
 - Waste Emissions Charge (baseline emissions)
 - LDAR benchmark
- OGMP 2.0

APPLICATIONS

- Oil Refineries
- Offshore Platforms
- Compressor Stations
- LNG Shipping Terminals
- Natural Gas Wellheads & Processing Plants
- Biogas & Power Generation Plants



SPECIFICATIONS

FPA	Cooled 640 x 512 px
Pixel Pitch	15 µm
NETD	<15 mK @ +50oC
Spectral Region	3,2 to 3,4
Lenses	50 mm 35 mm
Accuracy	± 1oC (from 0oC to 120oC Scene Temp.)
Memory Storage	SD card up to 256 GB
Autonomy	3 x 3 hr
Display	TFT LCD panel 5" HD
Weight	5.3 lbs
Size	260 x 150 x 80 mm
Operating Temp. Range	-10oC to +50oC
Storage Temp. Range	-40oC to +71oC
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.