![ICO data - Messtechnik & Datenerfassung / Measurement & Data Capture](image)

EyeCGas® 2.0

The Best OGI Camera, Just Got **BETTER**

Fast and effective gas leak detection is essential for keeping employees, the environment and property safe. EyeCGas® 2.0 ensures quick identification of methane and volatile organic compound (VOC) leaks for rapid and effective repair, guaranteeing safety while saving time and costs.

Designed and engineered based on customer inputs and industry needs:

WIRELESS

Built-in WiFi enables live video streaming and video download for better connectivity.

SAFETY CERTIFICATIONS

Authorized for hazardous locations to provide better safety
1. ATEX Zone 2
2. ANSI and CSA Class I and Class II Div 2

HIGH SENSITIVITY

Improved sensitivity for small leak detection, 3rd party certification for EPA OOOOa compliance.

THERMOGRAPHIC IMAGING

Temperature measurement capabilities and color pallets for better versatility.

LDAR READY

Innovative built-in LDAR capabilities provide better operability.
1. Integration with leading LDAR software during inspection routes
2. Real time component tag synchronization
3. Built-in for geo-tagging
4. Patent protected integration with PID/FID Method 21 analyzers to enable Smart LDAR

EYECGAS BACKWARD COMPATIBILITY

Easy upgradability from older EyeCGas® cameras into EyeCGas® 2.0 enables better maintainability.

MEDIA RECORDING AND STORAGE

Integral 64Gb solid-state memory, snapshot button, and HD color camera enable better usability.

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Gases Detected	400+ compounds such as: Methane, Acetic acid, Benzene, Butadiene, Butene, Butane, Dimethyl-Benzene, Ethane, Ethylene, Ethyl benzene, Ethylene oxide, Hexane, Heptane, Isobutylene, Isopropyl alcohol, Isoprene, Methanol, MEK Methyl Ethyl Ketone, Octane, Pentene, Propane, Propanal, Propanol, Propylene, Propylene oxide, Styrene, Toluene, Xylene
Detector Type	Cooled high sensitivity MCT, 320 x 240 pixels
Spectral Range	Default for VOC 3.2μm to 3.4μm Optional filter for heavier alkanes 3.3μm to 3.5μm
Sensitivity	NETD <10mK @ 25°C Minimum Detectable Leak Rate of 0.35 gr/hr. (Methane)
Optics	18.5° x 13.6° with 30mm lens, F# 1.1, manual focus
Imaging Modes	Normal IR, Enhanced, Thermography, and Visible Spectrum
Thermography	Spot temperature measurement, 6 color palettes
Connectivity	WiFi (2.4 GHz), Bluetooth, and Ethernet over USB
Physical Properties (Size / Weight)	230mm x 110mm x 130mm (9" x 4.3" x 5.1") / 2.3kg (5lbs) w/o battery
Batteries	Field replaceable, 12V Li-ion, 4.5+ continuous operating hours
Hazardous Locations Safety Certifications	Ex II 3G EX nL IIC T6 UL1604 Class I and II Div 2, and Class III CSA C22.2 No. 213-M1987, Class I Div 2 ANSI/ISA-12.12.01 Class I and II Div 2, and Class III
Other Certifications	IP65 water and dust protection FCC Class A and EN61000-6, EN301489 EMI and RFI General Safety EN 62368, EN 621333 Shocks & Vibrations EPA OOOOa 3rd party certification
LDAR Ready	Bluetooth integration with TVA2020 and Phx42 analyzers IR & HD color Jpeg Snapshot , Audio narration, GPS coordinates overlay
Product Kit and Accessories	
Standard Camera Kit	EyeCGas® camera, 2 batteries, battery charger, cables, neck strap, glare shield, PC software, carrying case
Optional Accessories	75mm telephoto lens, battery, bluetooth ATEX headset, heavier alkanes filter kit