



FLIR GF-343

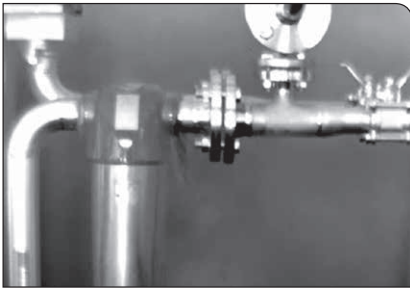
Optical Gas Imaging Camera

The GF-343 is an optical gas imaging camera that lets you see CO₂ leaks quickly, easily, and from a safe distance. Whether CO₂ is a byproduct of a production process, a trace gas used to detect leaks from power generators, or as part of an Enhanced Oil Recovery program, fast and accurate detection of CO₂ leaks is key to keeping your operation running safely, efficiently, and profitably.

Visually Detects CO₂ Gas Leaks in Real Time

Use safer CO₂ as tracer gas to localize leaks and verify repairs quickly, easily, and reliably

- See CO₂ used as a trace gas to find leaks of more dangerous gasses, like hydrogen
- Find where CO₂ is escaping from EOR operations
- Discover CO₂ losses in a variety of industrial manufacturing, transportation, and storage uses



Spot hard-to-find CO₂ leaks



See even more with High-Contrast mode



Leak in a 4-way valve dryer skid

Decreases Downtime and Saves Money

Detect CO₂ as a predictive maintenance tool to prevent downtime and inventory loss

- Avert unplanned outages
- Allows online inspections so you don't have to take revenue-generating equipment offline for inspection
- Stop leaks to save money from lost inventory and regulatory fines

Improve Operations Safety and Protect the Environment

Keep facilities safe while working towards a carbon-neutral operation

- Improve efficiencies of EOR operations
- Stop leaks in carbon capture and storage operations
- Use CO₂ as a trace gas to find dangerous hydrogen leaks

Imaging Specifications

System Overview	
Detector Type	Cooled InSb
Spectral Response	4.2 - 4.4 μm
Resolution	320 x 240
Total Pixels	76,800
Thermal Sensitivity	<15 mK @ +30°C (+86°F)
Lens Options	Standard: 24° x 18°; Optional: 14.5°, 6°
Zoom	1-8x Continuous Digital
Focus	Auto & Manual
Color LCD	4.3"; 800 x 480 Pixels
Adjustable Viewfinder	800 x 480 Pixels
Video Camera w/ Lamp	3.2 MP
Laser Spot	Yes
Video Out	HDMI
Analysis	
Spotmeters	10
Area Boxes	5 (min./max./ave.)v
Profiles	1 live line (horiz. or vert.)
Delta T	Yes
Annotation	
GPS	Yes
File Storage	
Radiometric JPG	Yes
MPEG Video Recording	Yes

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