



# FLIR GF-343

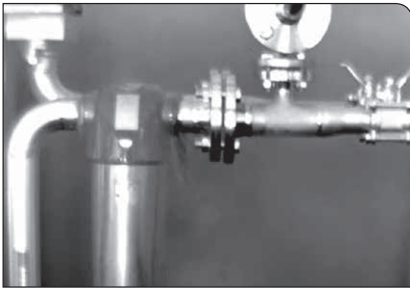
## Optical Gas Imaging Camera

The GF-343 is an optical gas imaging camera that lets you see CO<sub>2</sub> leaks quickly, easily, and from a safe distance. Whether CO<sub>2</sub> 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 CO<sub>2</sub> leaks is key to keeping your operation running safely, efficiently, and profitably.

### Visually Detects CO<sub>2</sub> Gas Leaks in Real Time

*Use safer CO<sub>2</sub> as tracer gas to localize leaks and verify repairs quickly, easily, and reliably*

- See CO<sub>2</sub> used as a trace gas to find leaks of more dangerous gasses, like hydrogen
- Find where CO<sub>2</sub> is escaping from EOR operations
- Discover CO<sub>2</sub> losses in a variety of industrial manufacturing, transportation, and storage uses



Spot hard-to-find CO<sub>2</sub> leaks

### Decreases Downtime and Saves Money

*Detect CO<sub>2</sub> 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



See even more with High-Contrast mode

### 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 CO<sub>2</sub> as a trace gas to find dangerous hydrogen leaks



Leak in a 4-way valve dryer skid

## Imaging Specifications

System Overview	
Detector Type	Cooled InSb
Spectral Response	4.2 - 4.4 $\mu\text{m}$
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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