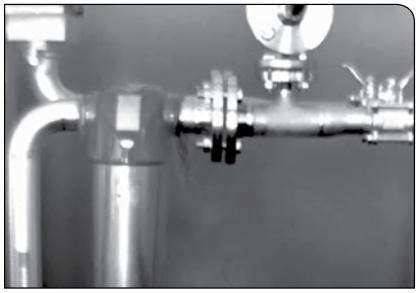
ALAVA INGENIEROS
Tecnología a su medida

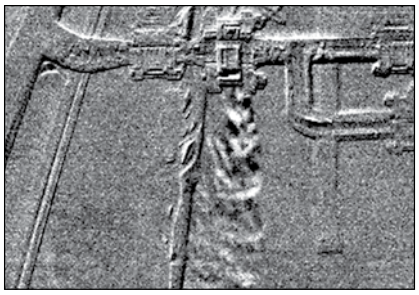
FLIR GF343

Optical gas imaging camera

The GF343 is an optical gas imaging camera that lets you see CO_2 leaks quickly, easily, and from a safe distance. Whether CO_2 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_2 leaks is key to keeping your operation running safely, efficiently, and profitably.



Spot hard-to-find CO_2 leaks



See even more with High-Contrast mode

Leak in a 4-way valve dryer skid

Visually detects CO_2 gas leaks in real time

Use safer CO_2 as tracer gas to localize leaks and verify repairs quickly, easily, and reliably

- See CO_2 used as a trace gas to find leaks of more dangerous gasses, like hydrogen
- Find where CO_2 is escaping from EOR operations
- Discover CO_2 losses in a variety of industrial manufacturing, transportation, and storage uses

Decreases downtime and saves money

Detect CO_2 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 CO_2 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 × 240
Total pixels	76,800
Thermal sensitivity	<15 mK @ +30°C (+86°F)
Lens options	Standard: 24° × 18°; Optional: 14.5°, 6°
Zoom	1-8× continuous digital
Focus	Auto & manual
Color LCD	4.3”; 800 × 480 pixels
Adjustable viewfinder	800 × 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

ALAVA INGENIEROS

Edificio Antalia
Albasanz, 16
28037 MADRID
Tel. 91 567 97 00
Fax: 91 570 26 61

Torre Mapfre-Vila Olímpica
Marina, 16 - Planta 11-C 2
08005 BARCELONA
Tel. 93 459 42 50
Fax: 93 459 42 62

www.alavaingenieros.com
alava@alava-ing.es