



EXPLOSIVE ATMOSPHERES



*The new **Si2x** Acoustic Imager.*

Acoustic Imaging in Explosive Gas and Dust Atmospheres

FLIR Si2x-SERIES ACOUSTIC CAMERA FOR HAZARDOUS LOCATIONS

The FLIR Si2x-Series ATEX certified acoustic cameras for hazardous locations allow for pressurized gas leak quantification, mechanical fault identification, and partial discharge detection in explosive atmospheres. ATEX certified for Zone 2 (gas), and Zone 22 (dust), the Si2x provides an effective, easy to use scalable ultrasound inspection tool that helps reduce energy costs and loss of productivity for Explosive Vapor and Explosive Dust environments.

Why Choose the FLIR Si2x?

Reduces costs and improves energy efficiency

- Pinpoints even the tiniest leaks and shows leak size and cost estimates in real-time
- Faster and more accurate than other leak detection methods

Industrial gas leak quantification and mechanical fault detection

- Measures common industrial compressed gases including compressed air, ammonia, hydrogen, CO₂, methane, helium and argon
- Mechanical fault mode to detect and measure potentially faulty bearings

Best performance

- The most sensitive acoustic imager on the market
- Includes fleet management and data integration capabilities for enterprise-level companies

Speeds up audits and requires minimal training

- Scans large areas quickly without interrupting operations
- Simple and easy to use with minimal training

Learn more about explosive vapor environments





EXPLOSIVE ATMOSPHERES



FLIR Si2x-Series Acoustic Cameras for Hazardous Locations

FLIR Si2x-LD

- Industrial Acoustic Imaging Camera for Pressurized Gas Leak and Mechanical Fault Detection

FLIR Si2x-Pro

- Industrial Acoustic Imaging Camera for Partial Discharge, Pressurized Gas Leak, and Mechanical Fault Detection

The Si2x is suitable for certain combustible vapor atmospheres in:

- Oil & Gas
- Chemical
- Ammonia & Hydrogen
- Wastewater
- Power Generation
- Pharmaceuticals
- Manufacturing Paint lines
- Food & Beverage

The Si2x is suitable for certain combustible dust atmospheres in:

- Agriculture
- Wood & Wood Products
- Food Processing
- Metal Processing
- Pulp & Paper
- Automotive
- Ethanol



Learn more about explosive dust environments

