



# CLEARLY AND ACCURATELY IDENTIFY COMPRESSED AIR LEAKS

WITH FLIR SI-SERIES ACOUSTIC IMAGING CAMERAS

**Compressed air comprises  
nearly 30% of manufacturing  
facility electrical use.**

Identify leaks faster, improve worker safety and save your facility an average of 34 000€ a year with FLIR Si-Series Acoustic Imaging Cameras.

FLIR Si-Series offers lightweight, one-handed acoustic imaging cameras that allows maintenance, manufacturing, and engineering professionals to locate and quantify compressed air leaks up to 10 times faster than with traditional methods.

Built with 124 acoustic microphones, the Si-Series works by producing a precise acoustic image that is overlaid in real time on a digital camera, which then pinpoints the source of the sound, even in loud industrial environments.

FLIR Si-Series cameras feature a plugin that enables you to import acoustic images to FLIR Thermal Studio suite for offline editing, analysis, and advanced report creation. With the free FLIR Acoustic Camera Viewer cloud service, you can create reports while in the field.



**LOCATE AND QUANTIFY  
COMPRESSED AIR LEAKS  
WITH THE FLIR SI-SERIES**

**Nearly 30% of compressed air  
is wasted due to leaks, misuse,  
and other pressurization issues.**

## Why choose FLIR Si-Series cameras?



### REDUCE COSTS, SAVE MONEY

Minimize excess utility costs, equipment failures, and downtime. Ensure proper air pressure to pneumatic equipment and quantify leak size to understand how much energy you have lost.



### INSPECT EASILY

Quantify leak severity in real time with this lightweight, rugged, Wi-Fi-enabled tool. You can operate it simply with one hand and without being an expert operator.



### FIND SMALL LEAKS ACCURATELY

Accurately and safely detect and measure small-compressed air and gas leaks (from 0.016 l/min to 0.004 l/min), up to 10 times faster with sound imaging, Auto Distance, and Auto Filtering features.



*Minimize your losses with the FLIR Si-Series*

**Save time, save money, and improve worker safety with FLIR Si-Series cameras.**

**You can't afford not to.**

Learn more about the FLIR line of acoustic imagers at **[www.flir.com/si-series](http://www.flir.com/si-series)**.