



AI SERIES

For Finding Compressed Gas Leaks
And Detecting Partial Discharge

Easy To Use

- Light Weight
- Push-button Control
- Interchangeable Batteries
- One-handed
- Better Heat Removal

High Efficiency

- ◊ Real-time Display Of Leakage Data
- ◊ Smart Partial Discharge Detection
- ◊ Quickly Generate Reports with Analyzer Acoustic

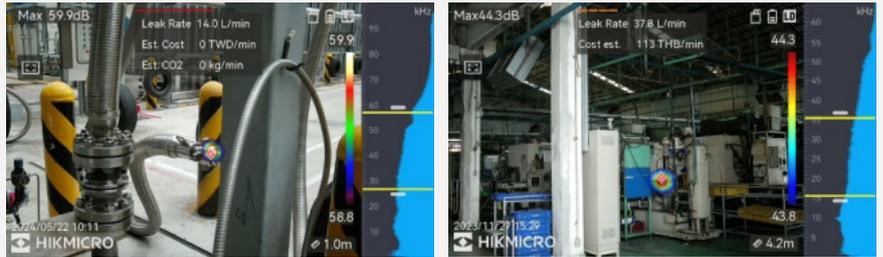
Compared with the traditional gas leak and partial discharge detection tools, an acoustic imaging camera typically provide a 90% reduction in inspection time, also relatively easy to learn.



APPLICATIONS

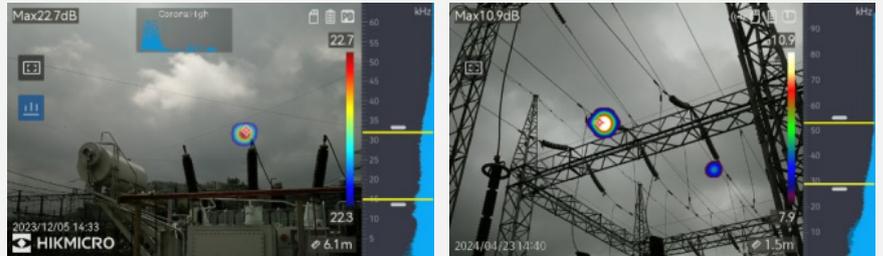
Gas Leak Detection

The HIKMICRO AI series offers real-time estimated leak rate, leak cost for gas leak detection. AI series can filter noise to “visualize” sound with a large 4.3” LCD touch screen even in noisy environments.



Partial Discharge Detection

The HIKMICRO AI series offers real-time estimated leak rate, leak cost for gas leak detection. It can filter noise to “visualize” sound with a large 4.3” LCD touch screen even in noisy environments.



HIKMICRO Analyzer Acoustic

Software designed for acoustic imaging cameras, powerful and easy to use.



-  Gas Leak Analysis
-  Partial Discharge Analysis
-  Quickly Generate Reports

Specifications	AI56	AI76
Number of Microphones	64	136
Bandwidth	0 kHz to 96 kHz, adjustable range MEMS sampling frequency: 192 kHz	
Distance	0.3m~150m	
Camera FOV	50.2°× 35.4°	
Acoustic Image Resolution	800 × 480	
Leak Rate	>0.008 l/min @ 6 bar from 0.5 m (1.64 ft) >0.013 l/min @ 5 bar from 1 m (3.28 ft)	>0.0047 l/min @ 6 bar from 0.5 m (1.64 ft) >0.0073 l/min @ 5 bar from 1 m (3.28 ft)
Dynamic Range	Low Limit: <-15dB High Limit: >120dB	
Discharge Detection	Automatic detection 50 / 60 Hz	
Discharge Type	Corona Discharge, Particle Discharge, Floating Discharge, Surface Discharge	
Display	800 × 480 Resolution, 4.3” LCD Touch Screen	
Digital Zoom	1.0x to 16.0x continuous	