![HIKMICRO logo]

HIKMICRO

AI SERIES

For Finding Compressed Gas Leaks
And Detecting Partial Discharge

Easy To Use

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

High Efficiency

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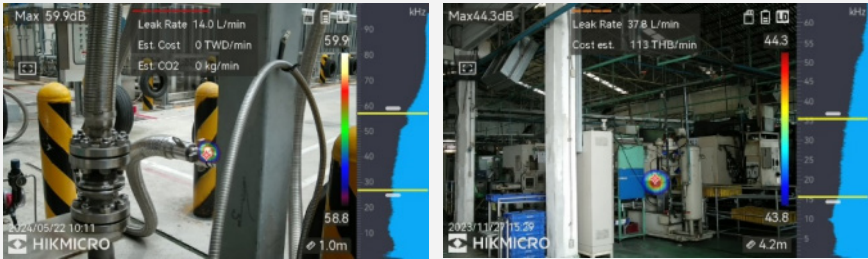- Quickly Generate Reports with Analyzer Acoustic

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.
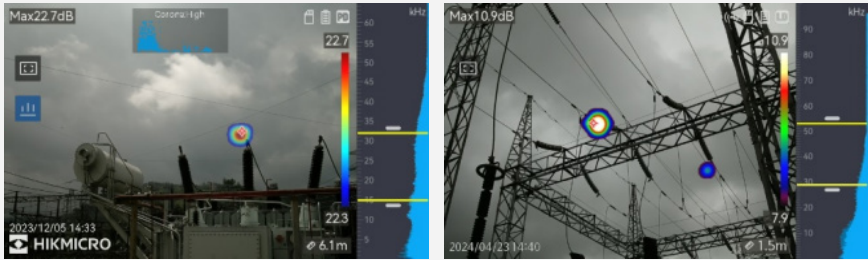
APPLICATIONS

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
Number of Microphones	64
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)
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