

Industrial Acoustic Imager for Finding Compressed Gas Leaks and Detecting Partial Discharge



Real-time Sound Visualization

With 64 Low-noise MEMS microphones and bandwidth range from 2 kHz to 65 kHz, the AI56 provides an easy and effective way to locate pressurized gas leaks or detect partial discharge in high-voltage systems.

Gas/ Air Leak Detection Mode

The AI56 can detect compressed gas leaks as small as 0.008 L/ min even in noisy industrial environments.

Partial Discharge Mode

Inspect for and detect Corona, Surface, Particle, and Floating PD in electrical systems to find problems and improve system reliability.

On Display Visualization

Color visualizations on the 4.3" display show leak intensity or PD classification.

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Long Battery Life

Includes (3) 3.5 hour batteries for 10.5 hours of run time.



Rugged and Portable

Convenient one-handed operation makes the AI56 easy to manage and find/document issues fast.



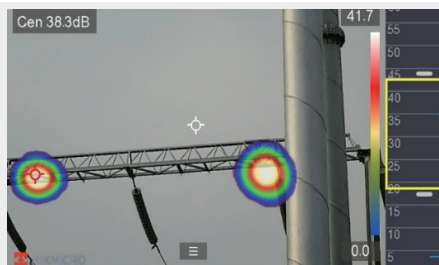
Fully Document your Findings

Capture 5MP visual images with sound or partial discharge overlay. Add text or voice comments to complete your reporting quickly.

APPLICATIONS



Partial Discharge Detection



Gas Leakage Detection

WHAT'S IN THE BOX



- Acoustic Imaging Camera (x1)
- 3.5 Hr Battery (x3)
- Dual Charger Base (x1)
- Power Supply (x1)
- International Adapters (x4)
- Hand Strap (x1)
- USB Cable (x1)
- HDMI Cable (x1)
- Removable 64 GB SD Card (x1)
- MIC Protective Case (x1)
- Accessories Bag (x1)
- Quick Start Guide (x1)
- Carrying Case (x1)

Model No		AI56
Acoustic	Number of Microphones	64
	Bandwidth	2kHz~65kHz
	Distance	0.3m~100m (0.98 ft~328 ft)
	Camera FOV	51.8° × 36.4°
	Leak Rate	> 0.008l/min is equal to .0003cfm/min @ 6 bar from 0.5 m (1.64 ft) 0.013l/min is equal to .0004cfm/min @ 5 bar from 1 m (3.28 ft)
	Signal Noise Ratio	70dB
Optical Module	Field of View (FOV)	51.8° × 36.4°
Image Display	Visual Camera	2688 × 1944 (5 MP)
	Display	800 × 480 Resolution, 4.3" LCD Touch Screen
	Digital Zoom	1.0x to 8.0x continuous
General	Weight	Approx. 940 g (2.07 lb)
	Battery Operating Time	3 batteries, 3.5hrs/battery runtime
Onboard Analytics	Partial Discharge	Instant Identification-Corona, Surface, Particle, Floating
	Leak Detection	BETA TESTING: Real Time cost analysis based on leak rate

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