

ACW136

Acoustic Imaging Device

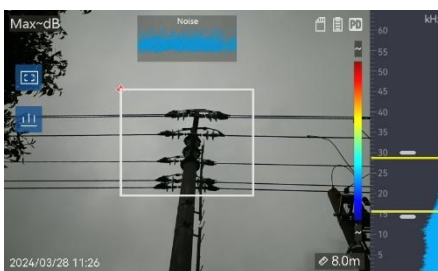


The ACW136 Acoustic Camera is an advanced diagnostic tool engineered for high-accuracy gas leak detection, partial discharge identification, and a wide range of industrial acoustic monitoring applications. Equipped with a 136-element digital silicon microphone array, it delivers exceptional sound localization and visualization performance.

Designed for demanding environments, the ACW136 supports both photo capture and video recording, enabling comprehensive documentation and analysis of detected anomalies.

Key Features

- 136-MIC Digital Array for high-precision acoustic imaging
- 0–100 kHz Frequency Range covering audible and ultrasonic detection
- Long Detection Distance: 0.3 to 150 meters
- Gas Leak & Partial Discharge Detection for industrial diagnostics
- Photo & Video Recording for documentation and analysis



ACW136 Specifications

Model	ACW136
Acoustic parameters	
Microphone	136 digital silicon MIC arrays
Frequency bandwidth	0kHz ~ 100kHz
Distance	0.3-150m (related to the size of the sound source signal)
Pseudo-colour audio and video mode	White and black,rainbow, iron red, fusion, rain, blue and red, etc.
Sound intensity display	Highest point
Acoustic detection mode	Gas leak detection mode, partial discharge detection mode
Sound image frequency	25FPS
Minimum leakage	0.5m, minimum detectable leak of 0.078ml/s at 0.6MPa 1m, minimum detectable leak of 0.122ml/s at 0.5MPa
Sound intensity range	Lower limit: <-15 dB; Upper limit: >120 dB
PRPD spectrum	Support
MIC sampling rate	192K
Gas leakage loss display	Support
Gas leakage display	Support
Gas leakage level display	Support
Partial discharge detection	Support
Rule frame	Support 1 center rectangular regular frame
Visible light parameters	
Focal length	6.4 mm
Field of view	50.2° (H) × 35.4° (V)
Focus mode	Fixed focus
Image display	
Display	4.3" LCD capacitive touch screen 800 × 480
Image mode	8 pseudo-colour modes
System functions	
HDMI	Support
Text annotation	Support
Voice annotation	Support (60 s)
WIFI	Support
Image format	.jpeg
Storage	64 GB
Video format	.mp4
Battery type	Lithium-ion battery
Battery working time	2 hours, field replaceable, rechargeable
Weight	<1.2kg
Dimensions	310.4mmx165mmx117mm

System parameters	
Operating temperature and humidity	- 20°C - 50°C, ≤95%
Protection level	IP54
Drop resistance level	1.2 m
Weight	<1.2kg
Dimensions	310.4mmx165mmx117mm

Please be aware specifications can vary from time to time