

Industrial Acoustic Camera

- The A128 acoustic camera uses a high-precision microphone array and ultrasonic sound source positioning technology.
- It displays the distribution status of sound sources in space, quickly identify Partial Discharge, Pressure gas leaks, Mechanical faults and improve inspection efficiency and maintenance times



SPECIFICATION

Model	A128
Acoustic Properties	
Number of Microphones	128 Low-noise MEMS microphones, real-time sound visualization
Dynamic Range	30~120dB
Sampling Rate	192KHz
Working Distance Range	0.5~120 meters
Bandwidth	2~96KHz
Minimum Frame Rate	25Fps
Mode	Gas mode/ Partial discharge mode/Intelligent Noise Cancellation mode
Visible Light Camera	
Digital Camera	5MP
Field of view (FOV)	62°×49°
Display	
Screen	5inch 800×480 LCD Touch screen
Image Mode	Acoustic and Visible Light Overlay
Sound Source Mode	Supports Single Source and Multi-Source Modes
Status Display	Sound Source Mode, dB Value, PRPD Diagram, Frequency Domain, Real time frequency Graph
Image Storage and Transfer	
Image Storage	Standard SD card 64G (maximum support 256G)
Image Browsing	Thumbnail View
Video Compression/Decompression	H.264 standard
Image Format	JPEG
Video Format	AVI
Comment	Text annotation, 60s Sound Annotation
GPS	Automatic GPS Image Tagging
Interfaces	USB Type-C, HDMI, SD card, WiFi, Bluetooth, 4G
Software	Professional management software, data export, one-click report generation, data browsing

SPECIFICATION

Power Supply

Battery Type	Replaceable & Rechargeable Lithium Ion (7.2V 3400mAh 24.48Wh)
DC Operation	12V DC power supply(100V to 240V, 50/60Hz)
Battery Hours	Approximately 3 hours Continuous working Time (25°C ambient temperature)
Battery Charger	12V Charging dock for 2 battery charging, 2.5 hours charging time
Battery Management	Automatic shut-down

Environmental

Working Temperature	-20°C~50°C
Storage Temperature	-20°C~70°C
Humidity (Operating & Storage)	95% relative humidity
Vibration	2G/IEC 60068-2-6:1995
Shock	25G/IEC 60068-2-27:2008
Enclosure Rating	IP54

Physical Specification

Weight	≤1.5kg (With battery)
Dimensions	311×170×130mm
Package Includes	Acoustic camera, rechargeable lithium battery * 2, Charging Dock, power adapter, USB cable, TF card, Card reader, Packing list, Calibration Certificate, User manual, 2 Years Warranty card, Carry Case

