



CRY2620 ACOUSTIC IMAGER

The CRY SOUND CRY2620 Industrial Acoustic Imager is easy to operate and can be used quickly. The device adopts the aluminum alloy shell, which is sturdy and durable, and can adapt to the complex and changeable working environment. Real-time sound image display, helping the detection of pressurized or vacuum leaks significantly faster compared to other previous methods.

CRY2620 only needs to adjust the two parameters of the test frequency range and the test dynamic range to the vast majority of test requirements.

The device supports camera mode, video mode, and flexible on-site data recording. The large-capacity data storage card can be expanded, and the test results can be quickly exported and reported.

High-performance microphones for efficient detection

64 digital MEMS microphones can provide exceptionally high sensitivity sound resolution and detection accuracy, real-time audio-visual display, anti-jamming, help detection.

Leakage assessment

By activating the leak measurement function, the camera continuously displays the amount of leaks and losses as well as the level of loss.

Analytics and reports

Template-based processing and recording of data, waveforms, spectram, spectrograms is supported by CRY SOUND report analysis tool software, generating ISO 50001 compliant, editable protocols in Excel format.



▲ Technical Specifications

Acoustic Specification

Microphone array	64 channels	MEMS
Effective test bandwidth	microphone 2kHz-40kHz	
Dynamic range	2dB-12dB user adjustable	
Test sound pressure level range	28-120dBA	
Auto max/min dB gain	User-settable minimum test bandwidth 1kHz	
Number of digits	24bit	
Sound image FOV	62°	
Sound image frame rate	At least 25 FPS	
Leak detection rate	10m 5bar 2.4ml/s 0.5m 5bar 1.2ml/s	
Detect distances	0.5m-70m	

Camera

Camera FOV	62°		
Camera focal length	3.04mm	fixed	focal
Camera pixel length	8 million pixel		

Display

Resolution	1024*600(614,400 pixels)		
Size	7 inch		
Touch screen	Capacitive touch screen		
Brightness	Adjustable		
Photo notes Source	Up to 5 photos notes for reference Show single or multiple		
Standard palettes	sources		
Playback function	3: Grayscale, Ironbow, Blue-Red View photos, videos anytime, and add notes or tags		

Storage

Internal storage	About 8G		
External storage	TF memory card, at least 64G, expandable to 256G		
Data storage format	.jpg (Picture),.mp4 (Video) and .wav(Recording)		
Video length	5 minutes		
Digital export	TF Card		

Power

Battery capacity	1x6600mAh@7.2V Rechargeable battery and 1xexternal battery package, continuous
Battery life	4+6 hours operation time
Charger	USB Type-C port, USB PD protocol supported, 15W
Power consumption	15W for battery charge; 29W for maximum power consumption
Energy management	Sleep/Auto power off modes

Interface

USB 3.0 Type-C USB host port
3.5mm headphone socket

Operating Environment

Operating environment	-20°C - +50° 10%-95%no condensation
Storage temperature	-20°C-+60°
Charging temperature	10°C-+45°C

General Specification

Ingress Protection	IP54
(IP) Size	272mmx174mmx42mm
Weight	1.7kg
Warranty	2 years
Self-diagnostic notification	Array-health test function to identify when microphone array needs attention
System	Linux system
Certification	CE,FCC, RoHS-compliant

Supported Language

English, French, Chinese, German, Italian,Japanese, Korean Norwegian, Polish, Portuguese Russian, Spanish, Swedish

Software

Report types	Gas/ISO 50001-compliant
Analysis	Waveform, Spectrum, Spectrogram, leakage assessment