

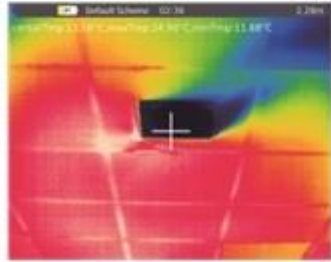
Opti-mize AC500

Acoustic Imaging Camera

It is suitable for quickly and accurately determining the location of equipment leakage, localized discharge and abnormal noise, and quickly carrying out the investigation of problems and elimination of hidden dangers, so as to guarantee the normal operation of production.

Explosion-proof Certificate: ExibIICT4Gb

Compatible with thermal infrared modules all-in-one design



Product Features

0.01s

Easily capture and visualize leakage, localized discharge, and noise signals in 0.01 seconds.



50M

Online non contact inspection:
Non affect normal equipment operation and high voltage insulation spacing.



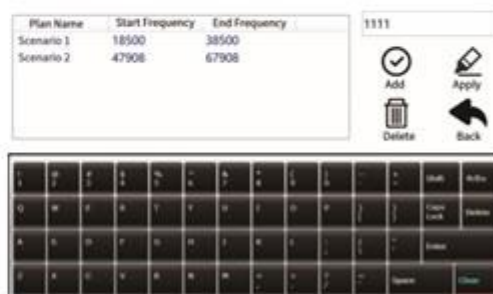
High Protection Level

Fully sealed IP54 dust-proof and waterproof design, more suitable for harsh working conditions.



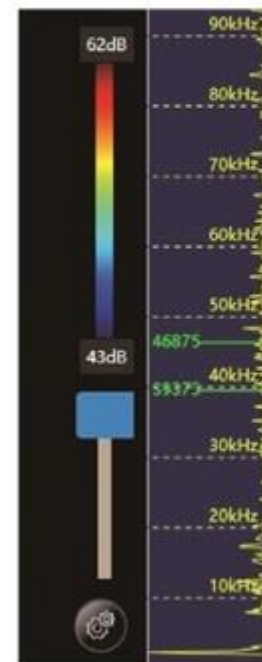
Customizable Frequency Bands

Customization of frequently used bands for quick access.



Adjustable wave band

Frequency range and width can be adjustable;
Strict filtering of ambient noise.



Technical Parameters

Monitor

Display screen	5.8 inches bright color	Image format	BMP
Resolution	1920×1080	Video format	AVI
Touch screen	Capacitive screen	Data export	Export data via SD card
Output interface	Type-cHDMI	Supported language	Chinese, English (expandable)
Storage medium	≥64GB (support SD card)	Monitor size	330×170×90mm

Microphone sensors	Number of microphones	65/132 MEMS digital microphones
	Frequency band	2k~100kHz, with adjustable frequency range and bandwidth
	Sound Pressure Sensitivity	-26dBFS(1KHZ,94DBSPL)
	Working distance	0.5~50M

Acoustic imaging	Pixels	13million/4208×3120
	FOV	>40°
	Frame rate	25fps
	Focus	Fixed

Thermal infrared	Pixels	640×512
	FOV	32.9°×26.6°
	Focal length and frame rate	13mm
	Temperature measurement range accuracy	-20~120°C/0~500°C/±3% of range

Laser ranging	Distance	0~30M
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Battery (rechargeable)	Capacity	74V 4500mAh
	Charging time	3 hours
	Working time	More than 2.5h configure mobile power, 4 batteries standard

Working condition	Working temperature	-10~50°C
	Storage temperature	-20~70°C
	Relative humidity	Humidity≤85%R.H



Applications



OPTIMIZE