

UNI-T®

• UT568B Acoustic Imager

Let flaws nowhere hidden



Smart Partial Discharge Detection

Intelligently identifies corona, floating, or surface discharge on high-voltage systems.



Adjustable Bandwidth Range

Capturing an extended acoustic spectrum from 2kHz to 100kHz.



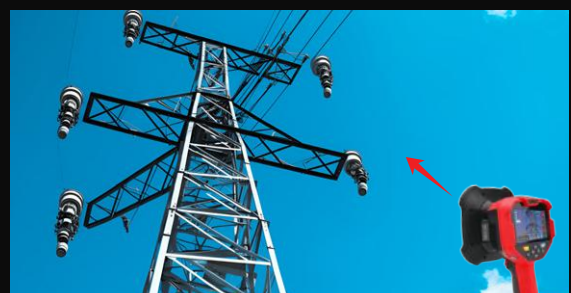
Microphone Channels

With 138 build-in low-noise MEMS microphones array for precise sound source localization



Ultra-long Detection Distance

Covering distance range from 0.3 to 150m to meet comprehensive detection.



Applications



Partial Discharge Detection



Gas Leak Detection

Specifications

Model No.	UT568B
Technical Data	
Microphones channels	138
Microphones type	High sensitivity digital MEMS microphones
Array plane size	Approx. 150mm
Microphones sensitivity	-26dBFS@1kHz
Sound pressure sensitivity	Lower limit: <20dB Upper limit: >120dB
SNR(Signal to noise ratio)	64dB@1kHz
Bandwidth	2kHz~100kHz
Sound sampling rate	200kHz
Minimum leak rate	>0.15m/s (0.5MPa, 0.5m), >0.2m/s (0.5MPa, 1m)
Detection distance	0.3~150m
Acoustic imaging frame rate	25FPS
Display	4.3" Touch display screen
FOV	60°(H) x 40°(V)
Digital camera resolution(pixels)	13MP
Working temperature	-20~50 C
Functions	
Discharge detection type	Corona, Floating, Surface
Display mode	Single, Multi, Hologram
Threshold adjustment	Filtering background noise
LRF	30m
Auto enhancement	√
Photo capturing / video recording	√
Wireless connection	Wi-Fi & Bluetooth
Annotation	Text & voice
General Characteristics	
USB	Type-C
Communication interface	Data transmission & report generating
Storage capacity	128GB SD card
Image format	JPG
Video format	MP4
Audio format	WAV
Languages	ZH,EN
Weight	1.35kg
Dimension	163mm×286mm×140mm



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