

ACOUSTIC IMAGING CAMERA

SW136



Gas leak detection, partial discharge detection, etc.



Support photo taking and video recording



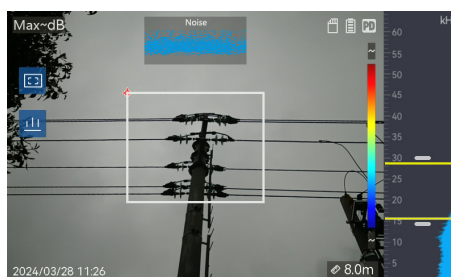
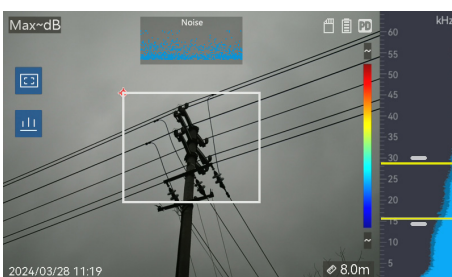
Microphone with 136 digital silicon MIC array



High detection frequency band: 2khz-100khz



Long detection distance: 0.3~130 meters



SPECIFICATIONS

Model		SW136
Acoustic parameters		
MIC	136 digital silicon MIC array	
MIC Sensitivity	-26dBFS@1kHz	
Frequency Bandwidth	2kHz ~ 100kHz	
Distance	0.3-130m (depending on source signal strength)	
Sound Intensity Display	Highest point	
Acoustic Detection Mode	Gas leak detection mode, partial discharge detection mode	
Image Frequency	25Hz	
Maximum Sound Pressure Level	120dB	
Minimum Imaging Sound Pressure Level	<20dB SPL, frequency dependent	
PRPD Graph	Supported	
Acoustic Sampling Rate	200kHz	
Location Error	<0.05m@1m, 40kHz	
Minimum leakage	The minimum detectable leakage rate is 30 ml/min at 3m and 0.12 MPa	
Gas Leakage Loss Display	Supported	
Gas Leakage Amount Display	Supported	
Gas Leakage Level Display	Supported	
Partial Discharge Detection	Supported	
Partial Discharge Type Identification	Point discharge, floating discharge, surface discharge, particle discharge	
Text annotation	Supported	
Vocie annotation	Supported	
Visible light		
Visible Light Lens Focal Length	2.7mm	
Field of View	66°	
Maximum Image Size	2592x1944	
Image Resolution	800x480	
Video Resolution	800x480	
Focus Mode	Fixed focus	
Image display		
Display screen	5-inch sunlight-readable display screen, 800x480 pixels	
Image mode	Eight color palettes including Iron Red/Gray/Reverse Iron Red/Reverse Gray.	
Wireless transmission		
WIFI	Supports transferring images to mobile phones/computers via Wi-Fi.	
4G(optional)	Supports remote real-time image transmission to mobile phones/computers via 4G.	
Bluetooth	Supports recording and playback via Bluetooth headsets.	
USB transfer		
USB transfer	Transfer pictures from the SD card in your device to your PC using USB.	
GPS		
GPS(optional)	Built-in GPS automatically adds location information to the image.	
Image storage		

SPECIFICATIONS

Storage method	32G high-speed SD card
Picture format	.jpg
Video format	.mp4
Power system	
Battery Type	Removable rechargeable lithium battery
Supply voltage	DC 12V
Battery working time	At 25°C, for general use >2 hours
Charging method	Two-seat charger
Physical parameters	
Weight	820g
Size	133x147x271mm
Use environment parameters	
Working temperature	-20°C~55°C
Storage temperature	-40°C~70°C
Humidity (operating and storage)	≤95%, non-condensing
inspection report	IP54