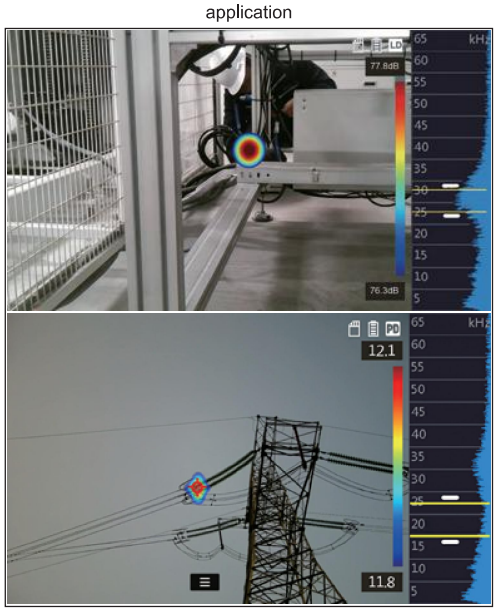
INDUSTRIAL ACOUSTIC IMAGER
CODE SCA-M136

IP54 WATERPROOF

DATA OUTPUT



application



- Suitable for various inspections including gas leakage, partial discharge and mechanical faults
- Standard 136-element digital MIC array
- Detection frequency: 0kHz~96 kHz
- Supports gas leakage rate and leakage loss evaluation
- Partial discharge pattern display: real-time pulse patterns
- Photo and video recording for fault location
- Mobile APP is included: support real-time data and video transmission

SPECIFICATION OF INDUSTRIAL ACOUSTIC IMAGER

Acoustic parameter	microphone	136-element digital MIC array
	frequency range	0kHz~96kHz, 0kHz~65kHz (switchable)
	sampling frequency	192kHz
	acoustic image field of view	50.2° (H)×35.4° (V)
	detection distance	0.3m~150m
	acoustic image frame rate	25FPS
	sound pressure level display	peak point
	sound pressure level range	lower limit: <-15dB; high limit: >120dB
	acoustic image palette	white black, black white, rainbow, ironbow, fusion, red black, rain, blue red
	acoustic detection mode	gas leakage, partial discharge
	minimum detectable leak rate	0.078ml/s (at 0.5m, 0.6MPa) 0.122ml/s (at 1m, 0.5MPa)
	gas leak rate display	available
	gas leak loss display	available
	gas leak level display	available
	PRPD pattern	available
	partial discharge type	corona discharge, floating discharge, surface discharge, particle discharge

SPECIFICATION OF INDUSTRIAL ACOUSTIC IMAGER

Visible light	lens focal length	6.4mm
	focusing mode	fixed focus
	maximum image size	2688×1944
Image display	display screen	4.3" LCD touch screen
	resolution	800×480
Function	photo/video	JPEG/MP4
	text note	available
	voice note	60s
	storage	64G Micro SD card
	bluetooth	bluetooth 4.1
	WIFI	802.11 b/g/n (2.4GHz and 5GHz)
	external interface	TYPE-C, SD card slot, Micro HDMI
	battery type	rechargeable and replaceable lithium-ion battery, 2 hours operating time per battery
Physical parameter	operating environment	-20°C~50°C, ≤95%RH
	protection	IP54, 1.2m drop test
	dimension (L×W×H)	310×165×117mm
	net weight	1.2kg

STANDARD DELIVERY

Main unit	1 pc
Desktop charger	1 pc
Lithium-ion battery	3 pcs
Power adapter	1 pc
64G SD card	1 pc
HDMI cable	1 pc

OPTIONAL ACCESSORY

Tripod	0701-TR175
Infrared thermal imaging sensor	SCA-S01

SPECIFICATION OF INFRARED THERMAL IMAGING SENSOR (OPTIONAL)

Infrared thermal imaging sensor	detector type	unrefrigerated detector, 7.5μm~14μm
	infrared resolution	384×288
	thermal sensitivity/NETD	≤35mK (at 25°C, F1.0)
	lens focal length	10mm
	minimum object distance	0.3m
	spatial resolution/IFOV	1.2mrad
	field of view	26°×19°
	focusing mode	manual focus
	infrared frame rate	25Hz
	measurement range	-20°C~650°C
	measurement accuracy	±2°C or ±2% (test temperature: 0°C~650°C, ambient temperature: 15°C~35°C), ±3°C (test temperature: -20°C~0°C, ambient temperature: 15°C~35°C)
	interface	TYPE-C
	dimension (L×W×H)	123.4×107.6×63.1mm
	net weight	145g