

SonaVu™
Acoustic Imaging Camera

SonaVu™ is an acoustic imaging camera that brings condition monitoring into focus.

SonaVu™ detects sources of airborne ultrasound using its 112 highly sensitive ultrasound sensors.

Defects are shown on visual images allowing operators to easily pinpoint faults that produce ultrasound.



Ultrasonic Sensor Array
112 Digital MEMS Sensors

SONAVU

Acoustic Imaging Camera



Hardware Features

- 112 Digital MEMS Microphones
- Sample Rate 96 000 Sample per Second
- 5-inch Touch Screen
- Including Distance Range Sensor
- Adjustable Lighting

Device Firmware Features

- Real-Time Visualization of Sound
- Desired Frequency Range Filtering
- Image Averaging Function
- Video and Image Storage
- Bluetooth Audio (v4.0)

SonaVu™ BASE

SonaVu Acoustic Imaging Camera with Hand Strap and Rubber Grip
SonaVu Power Supply with Adapters
SonaVu Cleaning Kit
SonaVu External Battery Cable
SonaVu External Battery Pack with Charger & USB-C Cable
SonaVu Universal Power Adapter (Only Outside North America)
SDT930 Custom Carrying Case



SonaVu™ PRO

SonaVu Acoustic Imaging Camera w/ Hand Strap and Rubber Grip
SonaVu Power Supply with Adapters
SonaVu Cleaning Kit
SonaVu External Battery Cable
SonaVu External Battery Pack with Charger & USB-C Cable
SonaVu Universal Power Adapter (Only Outside North America)
SDT LEAKChecker Receiver with 16mm Tip
Battery Alkaline 1.5V AA, 2 Pack
Rubber Tip
Headphones, Neckband
USB Cable
Screwdriver for Battery Cover
SDT930 Custom Carrying Case



SONAVU INSIGHTS



InSights™ is a web application for creating instant reports. Document findings, prioritize repairs, estimate cost impact, eliminate energy waste, and save money with this free app.

https://www.sonavu.com/insights/ for more details.

SonaVu Specifications

Sensor (Microphone)	112 Channel Digital MEMS
Effective Frecuency Range	1 k ~ 47.5 kHz
Microphone Sensitivity	-41 dBFS
Signal-to-Noise Ratio	66 dB(A)
Camera Frame Speed	25 FPS
Detection Distance	0.3m to 50m (11.8 inches to 164 feet)
Display Type	5" Color LCD + Touch Control (800x480 resolution)
Battery Life	4 Hours
Product Dimensions	237mm x 146mm x 56mm (9.3in x 5.7in x 2.2in)
Product Weight	1.2kg (2.64 lb)
Operating Temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Brand	SonaVu™

SDT Authorized Dealer

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Ultrasound Solutions

SonaVu™ Acoustic Camera

SonaVu™ is a multi-frequency acoustic camera that takes airborne ultrasound inspection to a new level. Equipped with 112 highly sensitive sonic sensors and a precision optical camera, SonaVu™ brings the power of super-human hearing to focus on its vibrant, color touch screen. It unlocks limitless applications for asset reliability, energy conservation, and safety including compressed air leak management, electrical asset reliability, tightness control of large volumes, and much more.

Specifications

Hardware

- 112 Digital MEMS Microphones
- Sample Rate 96,000 Sample per Second
- 5-inch Touch Screen
- Including Distance Range Sensor
- Adjustable Lighting

Firmware

- Real-Time Visualization of Sound
- Desired Frequency Range Filtering
- Image Averaging Function
- Video and Image Storage
- Improved Accuracy according to the Distance

Performance

Sensor (Microphone)	112 Channel Digital MEMS	**Display Type**	5” Full Color LCD
Effective Frequency Range	1 kHz to 47.5 kHz	**Battery Life**	4 Hours
Microphone Sensitivity	-41 dBFS	**Product Size**	237mm x 146mm x 56mm
Signal-to-Noise Ratio	66 dB(A)	**Product Weight**	1.2 kg
Camera Frame Speed	25 FPS	**Operating Temp**	-20 to 50 °C
Detection Distance	0.3m to 150m (New)	**Brand**	SonaVu™ Powered by SDT



All product, product specifications, and data are subject to change without notice to improve reliability, function, design, and customer experience.

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