



# SONAVU

Powered by SDT

## SonaVu™ Acoustic Imaging Camera

SonaVu is an acoustic imaging camera, powered by SDT Ultrasound, 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**



# 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 Specifications

Sensor (Microphone)	112 Channel Digital MEMS
Effective Frequency 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
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™ Powered by SDT

## SDT SonaVu Base Kit

SonaVu Acoustic Imaging Camera w/ Hand Strap and Rubber Grip
SonaVu Power Supply w/ Adapters
SonaVu Cleaning Kit
SDT930 Custom Carrying Case



## SDT SonaVu Pro Kit

SonaVu Acoustic Imaging Camera w/ Hand Strap and Rubber Grip
SonaVu Power Supply w/ Adapters
SonaVu Cleaning Kit
SDT LEAKChecker Receiver w/ 16mm Tip
Battery Alkaline 1,5V AA, 2 Pack
USB Cable
Screwdriver For Battery Cover
Headphones, Neckband + 1/4" > 1/8" Adapter
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.

## SDT Authorized Dealer

