

# 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**



Ultrasound Solutions

**SonaVu.com**



## 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	2kHz to 48kHz
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

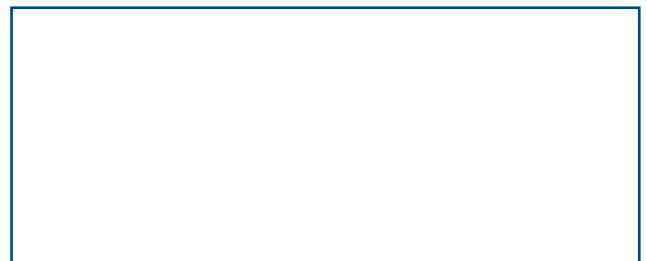


### SDT SonaVu Pro Kit

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



### SDT Authorized Dealer



# 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

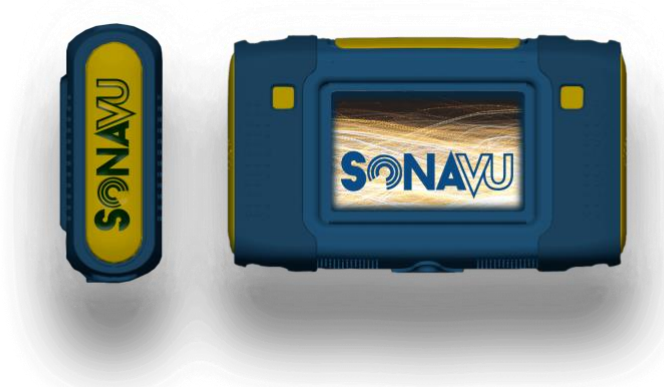
- 112 Digital MEMS Microphones
- Sample Rate 96,000 Sample per Second
- 5-inch Touch Screen
- Including Distance Range Sensor
- Adjustable Lighting

### Firmware

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

## Performance

<b>Sensor (Microphone)</b>	112 Channel Digital MEMS	<b>Display Type</b>	5" Mono Color LCD
<b>Effective Frequency Range</b>	2 kHz to 48 kHz	<b>Battery Life</b>	4 Hours
<b>Microphone Sensitivity</b>	-41 dBFS	<b>Product Size</b>	237mm x 146mm x 56mm
<b>Signal-to-Noise Ratio</b>	66 dB(A)	<b>Product Weight</b>	1.2 kg
<b>Camera Frame Speed</b>	25 FPS	<b>Operating Temp</b>	-20 to 50 °C
<b>Detection Distance</b>	0.3m to 50m	<b>Brand</b>	SonaVu™ Powered by SDT



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