



SONAVU

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 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 (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™ |

SonaVu™ BASE

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| 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

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| 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.



SDT Authorized Dealer

