



The **Sonosite S-Nerve** is a portable point-of-care ultrasound system. The S-Nerve ultrasound system offers adaptive imaging quality that can reduce speckle noise to improve and optimize the smallest structures in the images. The system can either be used as a wall-mounted system or as an ultrasound system on a stand. The system can be customizable for your facilities' needs. Providing ultrasonic imaging for cardiac, vascular, obstetrics, Gynecology, and Pain Management applications. The Sonosite S series includes the S-Cath for Radiology, S-Fast for emergency medicine, S-ICU for intensive care, S-MSK for pathology, the S-Nerve for an anesthesiologist, and the S-Women's health for ultrasonic images for Women's health. The S-Nerve is a 10.4-inch LCD, flat screen monitor that can provide 256 shades of gray.

## Features

- 2D/Tissue Harmonic Imaging/M-Mode
- Color Doppler, Color Power Doppler
- PW, PW Tissue Doppler, and CW
- SonoADAPT Tissue Optimization
- SonoHD Imaging
- SonoMB Multibeam Imaging
- Advanced Needle Visualization (SonoMBe Imaging)
- Seamlessly archive and store images with DICOM 3.0 using Ethernet or wireless capabilities
- Crisp and clear imaging, featuring SonoHD Imaging Technology – with 16x the processing power of our previous generation
- Mount your system at the point of care for instant ultrasound access and a zero footprint or use it on a highly maneuverable S Series V-Universal Stand
- Optimize your target with just two controls – one for depth, one for gain
- Transducer cable length of up to six feet



# Specifications

## Dimensions

Height: 15.1 in (38.4 cm)  
Width: 11.6 in (29.5 cm)  
Depth: 6.1 in (15.5 cm)  
Weight: 10.4 in (26.4 cm)

## Display Dimensions

Length: 8.4 in (21.34 cm)  
Height: 6.3in (16 cm)  
Diagonal: 10.4 in ( 26.4 cm)

## Imaging Mode

2D ( 256 gray shades)  
Color powerDoppler (CDP) (256 colors)  
Color Doppler (Color) (256 Colors)

## Temperature, Pressure & Himidity limits

Operating Limits: System  
10–40°C (50–104°F), 15–95% R.H.  
700 to 1060hPa (0.7 to 1.05 ATM)  
Operating Limits: Battery  
10–40°C (50–104°F), 15–95% R.H.  
700 to 1060hPa (0.7 to 1.05 ATM)  
Operating Limits: Transducer  
10–40°C (50–104°F), 15–95% R.H.  
Shipping/Storage Limits: System without Battery  
-35–65°C (-31–149°F), 15–95% R.H.  
500 to 1060hPa (0.5 to 1.05 ATM)  
Shipping/Storage Limits: Battery  
-20–60°C (-4–140°F), 0–95% R.H.\*  
500 to 1060hPa (0.5 to 1.05 ATM)

## Electrical

Power Supply Input: 100-240 VAC, 50/60 Hz, 2.0 A Max @ 100 VAC.  
Power Supply Output 1: 15 VDC, 5.0A Max (system)  
Power Supply Output 2: 12 VDC, 2.3A Max (battery)

## Battery

6-cell, 11.2 VDC, 5.2 amp-hours, rechargeable lithium ion battery pack.  
Run time is up to 2hours depending on imaging mode and display brightness.