

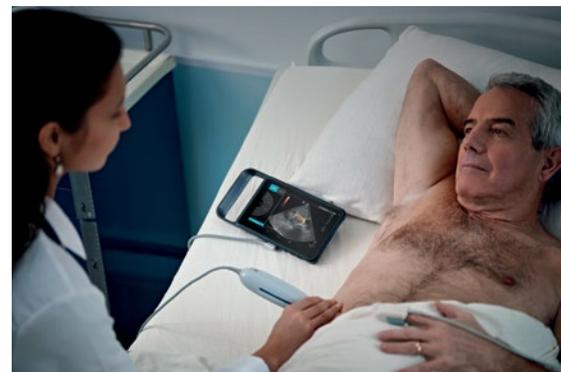
ULTRASOUND,  
WHEN AND  
WHERE YOU  
NEED IT.





## ULTRASOUND, AT THE SPEED OF LIFE.

A powerful diagnostic tool all within the palm of your hand, the SonoSite iViz was designed to go with you, where you need it. With the iViz in your pocket you will be ready to tackle those tough clinical questions, whether it be at the bedside or in the field. iViz delivers this value by combining excellent imaging performance, ultra-mobility and ergonomic one-handed operation.





L38v – Carotid



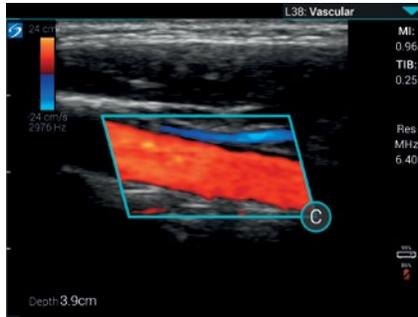
L38v – Internal Jugular Vein



P21v – Parasternal Long Axis Cardiac



P21v – Upper Quadrant Spleen and Kidney



L38v – Carotid Artery



L38v – Glenoid Labrum

## UNCOMPROMISED CLARITY.

Small in size does not mean you compromise on great imaging performance. The iViz combines DirectClear Technology, advanced image processing (SonoHD3), and a high-resolution display to provide the image quality you expect.

Featured on the P21v, DirectClear Technology is a novel patent-pending process that elevates transducer performance by improving penetration and contrast resolution, and sharpening detail resolution.



## WORKFLOW WITH A SWIPE.

### Easy to Use Workflow

Efficiently perform exams with a streamlined touchscreen interface that provides simple access to vital information.

### One Handed User Interface

Ergonomic one-handed operation allows for easy manipulation of image settings, especially useful in crowded environments when space is a premium.

### Swappable Batteries

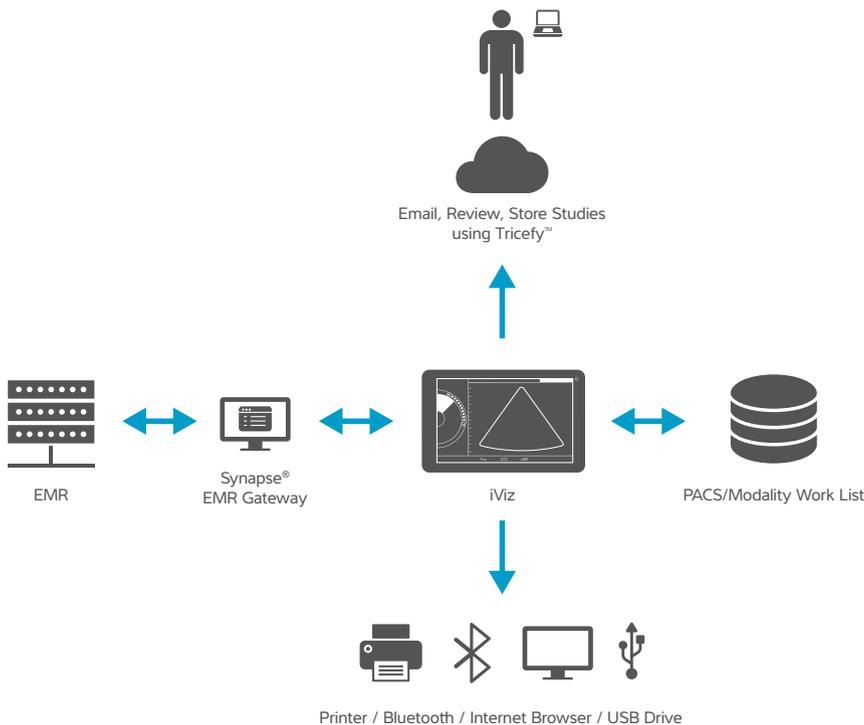
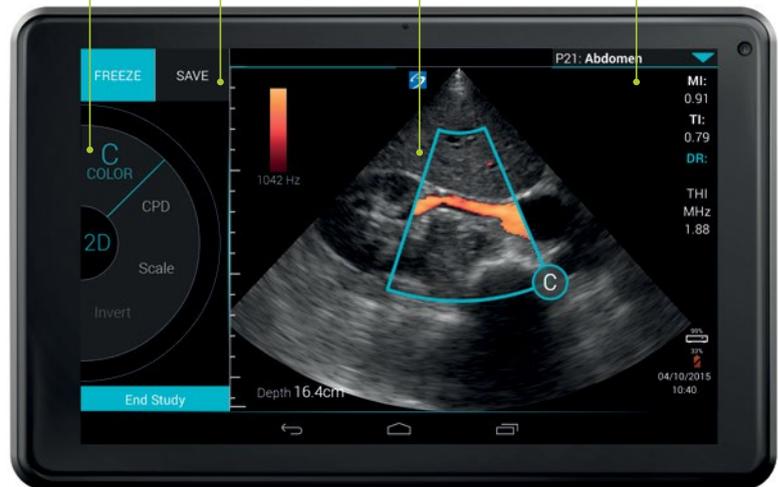
"Out and In" battery swap to provide minimal down-time when on the go.

Easily manipulate image settings with one-hand operation

Streamlined touch screen for intuitive workflow

Store 2000+ studies and share images wirelessly

High-resolution 7.1" display



### Connectivity, Simplified.

- Embedded barcode scanner to retrieve patient demographics, worklists, and studies
- Export studies via USB or DICOM
- Print to Bluetooth, WiFi or USB Printers
- Email image or archive to the cloud
- Send exam results to EMR
- Connect to valuable embedded education tools through the SonoAccess™ 2.0 app
- Display images through the HDMI port

# SonoSite iViz



## TRANSDUCERS.

SonoSite designs, manufactures and tests transducers in-house with real-world customer needs in mind. Our transducers exceed stringent specifications for drop testing and splash resistance, so you can use them with confidence in the most demanding of environments.



### P21v ●

**5-1 MHz Phased**

**Applications:**  
abdominal, cardiology,  
lung, ob

**Scan depth: 32 cm**

### L38v

**10-5 MHz Linear**

**Applications:**  
lung, nerve, small parts,  
arterial, venous, breast

**Scan depth: 9 cm**

● **DirectClear Technology.**

## PRODUCT DESCRIPTION

<b>System weight</b>	570 g/1.25 lbs.
<b>Dimensions</b>	7.2" x 4.6" x 1.1" / 18.3 cm x 11.7 cm x 2.7 cm (L x W x H)
<b>Display</b>	7"/17.8 cm, 1920 x 1200 pixels high-resolution dual touch display
<b>Architecture</b>	Android OS, Qualcomm Snapdragon Chipset, SonoSite proprietary ASICs
<b>Dynamic range</b>	Up to 170dB
<b>Gray Scale</b>	256 shades
<b>HIPAA compliance</b>	Comprehensive tool set
<b>EMC Class:</b>	B

## IMAGING MODES

2D/Tissue Harmonic Imaging/M-Mode/ Velocity Color Doppler/Color Power Doppler

## IMAGE PROCESSING

SonoADAPT™ Tissue Optimization  
SonoHD3 Imaging Technology  
4x Live Pan/Zoom capability  
Dynamic range and gain  
ColorHD™ Technology

## USER INTERFACE

Ergonomic one-handed user interface operation  
**Image Acquisition keys:** review, report, clip store, image save  
**Color Controls:** size/position, angle, scale, flow, and invert

## TRANSDUCERS

Broadband/Multifrequency:  
DirectClear Technology (P21v)  
Linear Array and Phased Array  
Center line marker for linear transducers

## EXAM TYPES

Abdominal, breast, cardiac, lung, musculoskeletal, nerve, ob, superficial, and vascular

## DURABILITY

System drop-tested 3.28 feet/1 m  
Transducer drop-tested 3.93 feet/1.2 m

## APPLICATION SPECIFIC CALCULATIONS

### OB/GYN/Fertility:

**Measurements:** Volume/Distance/Ellipse/Trace, GS, CRL, Yolk Sac, BPD, HC, AC, FL, HL, AFI, Cervix Length, Cerebellum

**Calculations:** Estimated Fetal Weight, Estimated Due Date, Amniotic Fluid Index, Average Ultrasound Age

### Cardiac:

**Measurements:** Distance/Ellipse/Trace/Area, RVWd, RVDd, IVSd, LVDd, LVPWd, RVWs, RVDs, IVSs, LVDs, LVPWs, MVA, AVA

**Calculations:** Ejection Fraction, Fractional Shortening, Volume, Area

## ONBOARD IMAGE AND CLIP STORAGE/REVIEW

64 GB internal Flash memory storage  
Potential to store 250,000 images or 4,000 4-second clips  
Integrated with Tricefy Telemedicine clinical workflow  
Integrated hospital enterprise EMR interface  
Clip Store capability (maximum single clip length: 60 seconds, prospective/retrospective)  
Cine review up to 256 frame-by-frame images

## MEASUREMENT TOOLS AND ANNOTATIONS

**2D:** Distance calipers, ellipse and manual trace  
**M-Mode:** Distance and time measurements, heart rate calculation  
User-selectable text labels  
User-defined, application-specific annotations

## CONNECTIVITY (EXTERNAL DATA MANAGEMENT)

WiFi/MicroUSB/Bluetooth Capabilities & Printing  
SonoSite Patient Data Archival Software (PDAS) for Wireless/Wired Image, Report Management  
DICOM® Image Management (TCP/IP): Store and Modality Work List

PC Workstation Image Management (TCP/IP, USB): Direct writing capability to USB 2.0 mass storage removable media, including DICOM format (PC and MAC compatible)

Supported export formats are: DICOM, MPEG-4  
Bi-directional connectivity between EMR and Ultrasound

Utilize Tricefy to email, review and store images in the cloud

## CONNECTIVITY (SYSTEM PORTS)

Ports, External Video/Audio:  
HDMI to external display  
MicroHDMI  
Integrated speaker

## POWER SUPPLY:

Rechargeable swappable Lithium-Polymer battery  
AC: universal power adapter, 100-240 VAC, 50/60 Hz input, 5 VDC output



# FUJIFILM

Value from Innovation

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