Relentless Innovation
for your diagnostic confidence

SAMSUNG

Samsung Ultrasound System for Veterinary Care

A Comprehensive Selection for Veterinary Care

Samsung ultrasound systems for veterinary adopt Samsung's pioneering imaging engine, Crystal Architecture™, boast various advanced features, easy-to-use operations, and dedicated design that improve the routine diagnostic experience.

Sophisticated 2D Image Processing

Provide uniform imaging performance of overall image area

S-Harmonic™ mitigates the signal noise, enhances contrast, and provides uniform image performance of overall image area from near-to-far.

Reduce noise to improve 2D image quality

The noise reduction filter enhances the edge contrast and creates sharp 2D images for optimal diagnostic performance. In addition, **ClearVision** provides application-specific optimization and advanced temporal resolution in live scan mode.

Enhance hidden structures in shadowed regions

ShadowHDR™ selectively applies high-frequency and low-frequency of the ultrasound to identify shadow areas where attenuation occurs.
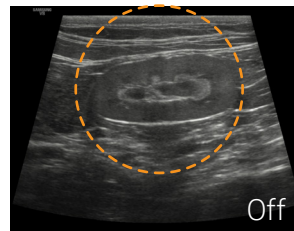
Clean up blurry areas in the image

HQ-Vision™ provides clearer images by mitigating the characteristics of ultrasound images that are slightly blurred than the actual vision.
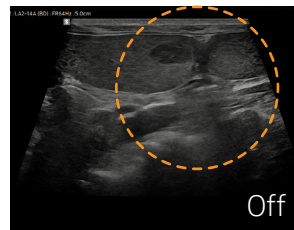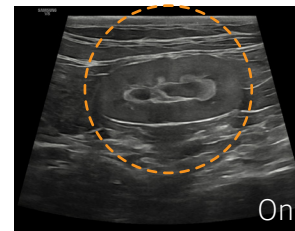

Abdomen without S-Harmonic™ [a]
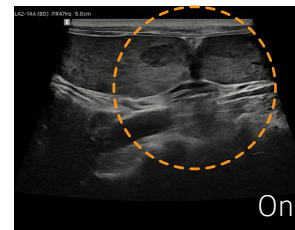
Abdomen with S-Harmonic™ [a]

Kidney without ClearVision [b]

Kidney with ClearVision [b]

Detailed Expression of Blood Flow Dynamics

Examine peripheral vessels with directional Power Doppler

S-Flow™, a directional Power Doppler imaging technology, can help to detect even the peripheral blood vessels. It enables accurate diagnosis when the blood flow examination is especially difficult.

Visualize slow flow in microvascular structures

MV-Flow™ offers an advanced color imaging for visualizing slow flow of microvascularized structures. High frame rates and advanced filtering enable MV-Flow™ to provide a detailed view of blood flow in relation to surrounding tissue or pathology with enhanced spatial resolution.

Show blood flow in vessels in a 3D like display

LumiFlow™ is a function that visualizes blood flow in three dimensional-like to help understand the structure of blood flow and small vessels intuitively.

Enriched Diagnostic Features

## Display and quantify tissue stiffness in a non-invasive method

S-Shearwave Imaging™ allows for non-invasive assessment of stiff tissues in various applications. The color-coded elastogram, quantitative measurements, display options, and user-selectable ROI functions are useful for accurate diagnosis of various regions.
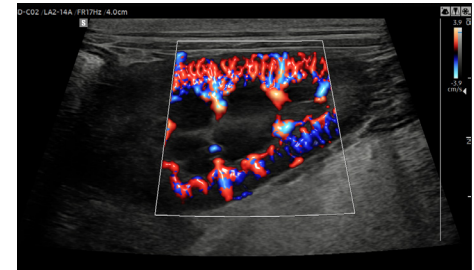
Kidney S-Flow™ with LumiFlow™ [a]
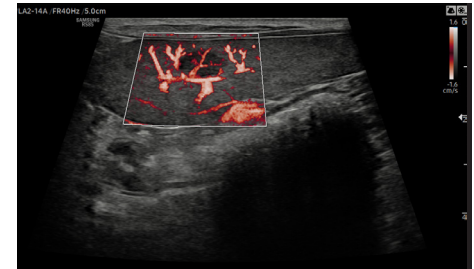
Abdomen with MV-Flow™ [a]
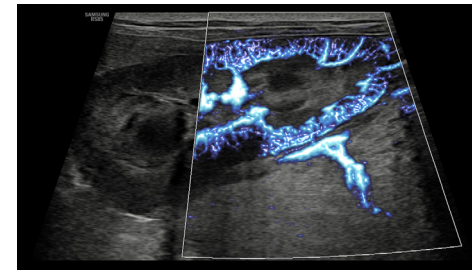

Kidney MV-Flow™ with LumiFlow™ [a]

Improved Workflow Efficiency and Ergonomic Design

We believe that a truly great system offers customer-centric working conditions. The streamlined workflow supports your daily procedures by reducing keystrokes and by combining multiple actions into one. Users have the option of customizing their diagnostic settings based on personalized protocol, resulting in a more simplified exam process and faster workflow.
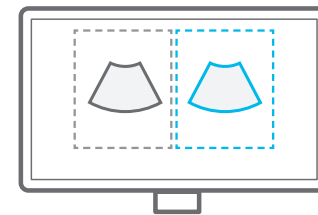
Optimize image with one touch of the button

QuickScan™ technology provides intuitive optimization of both grayscale and Doppler parameters.
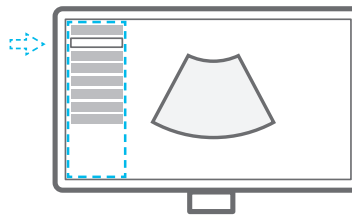
Build predefined protocols for streamlined process

EzExam+™ assigns protocols for examinations that are regularly performed in the hospital in order to reduce the number of steps that you have to go through.
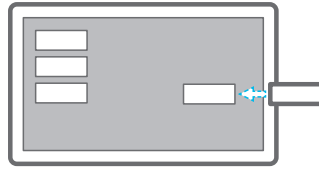
Compare previous and current exam in a side-by-side display

EzCompare™ automatically matches the image settings, annotations, and bodymarkers from the prior study.
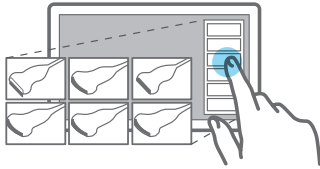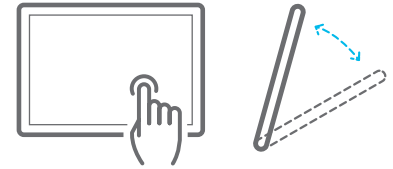
Select transducer and preset combinations in one click

QuickPreset allows the user to select the most common transducer and preset combinations in one click.

Customize frequently used functions on the touchscreen

A customizable touchscreen allows the user to move frequently used functions to the first page.

Tilt touchscreen to accommodate user preference

Samsung's tilting touch screen can be adjusted to accommodate user's viewing preferences in any scanning environment.
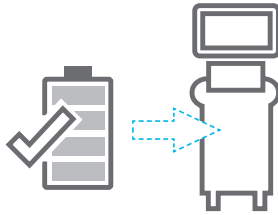
Use the system when AC power is temporarily unavailable

BatteryAssist™ provides battery power to the system, enabling users to perform scans when AC power is temporarily unavailable.
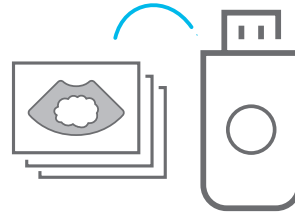
Save image data directly to USB memory

QuickSave function allows image data to be saved directly on USB memory during the exam.

Voice Video Marking Remote control

Network

Ultrasound System   PC / Tablet / Smartphone
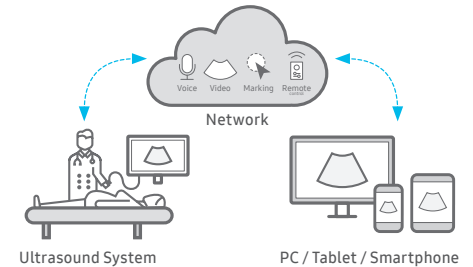
Real-time image sharing, discussion, and remote control of ultrasound system *

SonoSync™ is a real-time ultrasound image sharing solution that allows voice communication and remote controllability for effective collaboration between physicians and sonographers at different locations.

* The availability may vary by product and country.

Diverse Clinical Cases and Veterinary Types
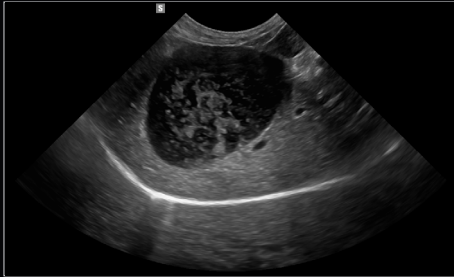
Liver [a]

Kidney [a]

Bladder [b]

Bowel [b]

Small Intestine [a]

Kidney [d]

Cardiac [c]
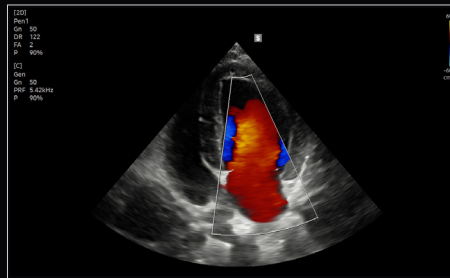
Cardiac Color Mode [b]
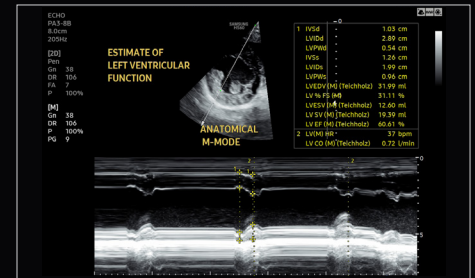
Cardiac M Mode [c]

Cardiac [a]
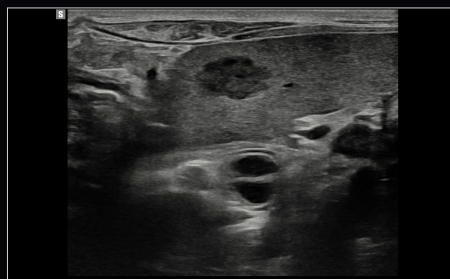
Spleen [a]
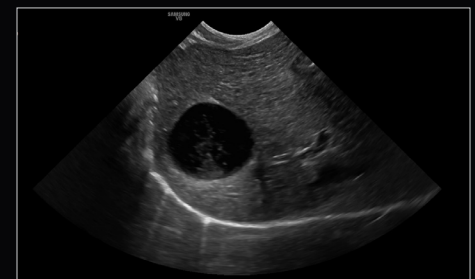
Liver [b]

RS85 Prestige
The Real Revolution

RS85 Prestige has been revolutionized with novel diagnostic features across each application based on the preeminent imaging perf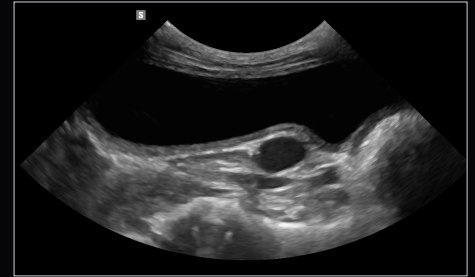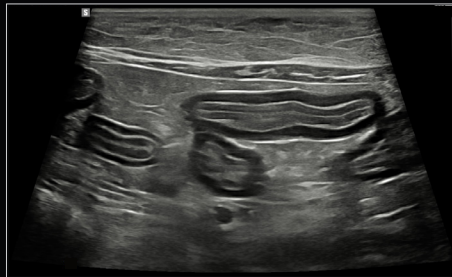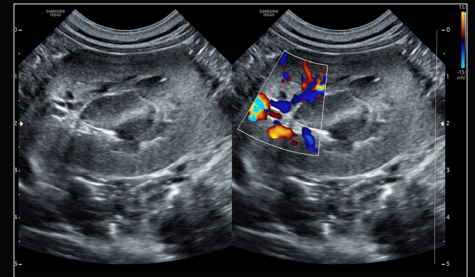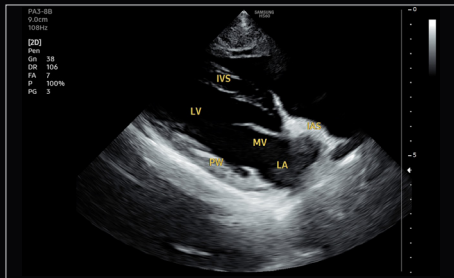ormance. The advanced intellectual technologies are to help you confirm with confidence for challenging cases, while the easy-to-use system supports your effort involved in the routine scanning.

Sophisticated 2D Image Processing
ShadowHDR™, HQ-Vision™, PureVision™, S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics
MV-Flow™ [1], S-Flow™, LumiFlow™ [1], CEUS+ [1]

Enriched Diagnostic Features & Interventional Solutions
ElastoScan™ [1, 2], S-Shearwave™ [1], S-Shearwave Imaging™ [1], Strain+ [1], Panoramic+, NeedleMate™

Enhanced Productivity and Facilitated Workflow
EzExam+™, EzPrep™, QuickScan™, QuickPreset, Touch Customization, Sonosync™ [3]

Ergodynamics for Your Comfort
6 Way Control Panel, Central Lock, Maneuverable Wheel, Gel Warmer, 23.8-inch LCD Monitor, 14-inch Tilting Touch Screen

| CA4-10M | CA3-10A | LA2-14A | PA1-5A | PA3-8B | PA4-12B |

CA4-10M

CA3-10A — S-Vue Transducer™

LA2-14A — S-Vue Transducer™

PA1-5A — S-Vue Transducer™

PA3-8B

PA4-12B

V8
Step up Confidence

The V8 ultrasound system combines exquisite imaging quality powered by Crystal Architecture™ with efficient, streamlined examination enabled by Intelligent Assist tools, and re-engineered workflow to fulfill the needs of today's busy clinical environment.

Redefined Imaging Technologies
Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

Sophisticated 2D Image Processing & Detailed Color Expression
ShadowHDR™, HQ-Vision™ [1], ClearVision, S-Flow™, MV-Flow [1], LumiFlow™ [1]

Enriched Diagnostic Features
ElastoScan™ [1, 2], S-Shearwave™ [1], S-Shearwave Imaging™ [1], Strain+ [1], Panoramic+, NeedleMate™

Re-engineered Workflow and Enhanced Customization
TouchEdit, QuickPreset, Expanded view, EzCompare™, EzExam+ [1], Sonosync™ [3]

Comfort Design
14-inch Tilting Touchscreen, 23.8-inch LCD Monitor, Contextual Button, QuickSave, BatteryAssist™ [1], Cooling System, Adjustable Control Panel, Transducer Cable Hook, Gel Warmer

CA4-10M

S-Vue Transducer™

LA2-14A

S-Vue Transducer™

PA1-5A

PA3-8B

HS60
Focus on Your Needs

Extend diagnostic boundaries with a versatile ultrasound HS60.
It enables users to diagnose with accuracy for various anatomies
using dedicated and advanced features.

Sophisticated 2D Image Processing
HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics
MV-Flow™ [1], S-Flow™, LumiFlow™ [1]

Enriched Diagnostic Features & Interventional Solutions
ElastoScan™ [1,2], Strain+ [1], Panoramic+, NeedleMate™

Enhanced Productivity and Facilitated Workflow
EzExam+™, EzCompare™, QuickScan™, QuickPreset, BatteryAssist™

Ergodynamics for Your Comfort
Adjustable Control Panel, Transducer Cable Hangers, Gel Warmer [1], SSD Drive,
BatteryAssist™ [1], 21.5-inch LCD Monitor, 10.1-inch Touch Screen

CA4-10M

LA3-16AD

S-Vue Transducer™
CA3-10A

S-Vue Transducer™
PA1-5A

PA3-8B

PA4-12B

HS50
Simple yet Powerful

Samsung Ultrasound HS50 is the practical choice for superior imaging and enhanced workflow. Experience Samsung's advanced imaging technologies including S-Harmonic™ and other solutions.

Sophisticated 2D Image Processing
HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics
S-Flow™, LumiFlow™ [1]

Enriched Diagnostic Features & Interventional Solutions
ElastoScan™ [1, 2], Strain+ [1], Panoramic+ [1], NeedleMate™

Enhanced Productivity and Facilitated Workflow
EzExam+™, EzCompare™, QuickScan™, QuickPreset, BatteryAssist™

Ergodynamics for Your Comfort
Adjustable Control Panel, Transducer Cable Hangers, Gel Warmer [1], SSD Drive, BatteryAssist™ [1], 21.5-inch LCD Monitor, 10.1-inch Touch Screen

CA4-10M

LA3-16AD

S-Vue Transducer™
CA3-10A

S-Vue Transducer™
PA1-5A

PA3-8B

PA4-12B

HS40
Establish Everyday Efficiency

Samsung's advanced yet budget-friendly tools, previously exclusive to our platforms, can enhance various application exam capabilities for efficient and effective care.

Sophisticated 2D Image Processing
HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics
S-Flow™

Enriched Diagnostic Features & Interventional Solutions
ElastoScan™ [1, 2], Strain+ [1], Panoramic+ [1], NeedleMate™

Enhanced Productivity and Facilitated Workflow
EzExam+™, EzCompare™, QuickScan™, QuickPreset, MeasureNavigation

Ergodynamics for Your Comfort
Adjustable Control Panel, Gas Lift, Side Storage [1], Rear Tray [1], Gel Warmer [1], SSD Drive, BatteryAssist™ [1], Print Cover [1], 21.5-inch LCD Monitor, 10.1-inch Touch Screen

CA4-10M

LA3-16AD

SP3-8

HS30
Value for Basic

HS30 delivers a clear view and its basic tools are equipped to provide effective care and help necessary examination with versatile features.

Sophisticated 2D Image Processing
S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics
S-Flow™

Enriched Diagnostic Features& Interventional Solutions
ElastoScan™ [1, 2], Strain+ [1], Panoramic+ [1], NeedleMate™

Enhanced Productivity and Facilitated Workflow
EzExam+™, EzCompare™, QuickScan™

Ergodynamics for Your Comfort
Side Storage [1], Rear Tray [1], Transducer Cable Hangers, Gel Warmer [1], Keyboard & Keyskin [1], 21.5-inch LCD Monitor

CA4-10M

SP3-8

HM70 EVO
Mobile Excellence

The HM70 EVO ultrasound system is a high-performance hand-carried ultrasound system, evolved to support a diverse range of applications and patients. The system has streamlined workflow, durability, and high resolution imaging that can be used in a variety of clinical situations.

Sophisticated 2D Image Processing
HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics
S-Flow™

Enriched Diagnostic Features & Interventional Solutions
ElastoScan™ [1, 2], Strain+ [1], Panoramic+, NeedleMate™

Enhanced Productivity and Facilitated Workflow
EzExam+™, EzCompare™, QuickScan™, QuickSave

Ergodynamics for Your Comfort
Premium Cart (Gas Lift, On Cart Power Outlets), Extended Transducer Ports,
Extended Battery, Keyskin, Side Storage, Front Handle, Carrier Package, 15-inch LCD Monitor

CA4-10M

LA3-16AD

SP3-8

SonoSync™
Real-time Image Streaming and Remote Control of Ultrasound System

SonoSync™ is a real-time ultrasound image sharing solution that allows voice communication and remote controllability for effective collaboration between physicians and sonographers at different locations. Apart from these, SonoSync™ has several other elegant features like marking, invitation, still image sharing, multi-user, and multi-view. SonoSync™ brings telesonography into reality.

* The availability may vary by product and country.

Voice | Video | Marking | Remote control

Network

Ultrasound System

PC / Tablet / Smartphone
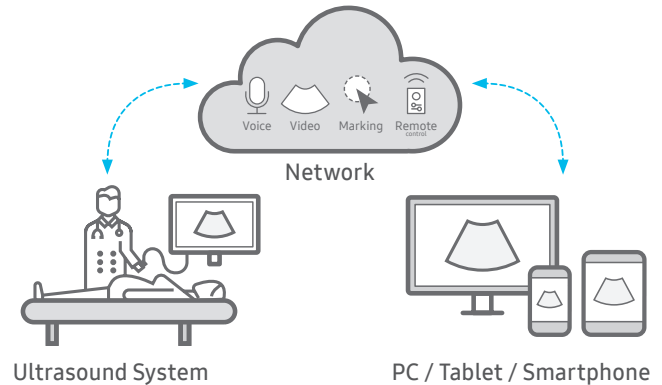
Secure Your Care
Samsung Healthcare Cybersecurity

To address the emerging need for cybersecurity, Samsung provides a solution to support our customers by offering the tools to protect against cyberthreats that may compromise invaluable patient data and ultimately degrade the quality of care. Samsung's Cybersecurity Solution strives to abide by the CIA triad (Confidentiality, Integrity, and Availability) and takes a comprehensive approach to providing impeccable protection with the following pillars: Intrusion Prevention, Access Control, and Data Protection.

Intrusion Prevention

Tools for protecting against cyber threats from external attacks

• Security tools
  (Anti-virus & Firewall)
• Secured operating system

Access Control

Strengthened surveillance for tracking the access of patient information

• Account management
• Audit trail

Data Protection

Encryption functions for safeguarding data whether at-rest or in-transit

• Data encryption
• Transmission security

About Samsung Medison CO., LTD.

Samsung Medison, an affiliate of Samsung Electronics, is a global medical company founded in 1985. With a mission to bring health and well-being to people's lives, the company manufactures diagnostic ultrasound systems around the world across various medical fields. Samsung Medison has commercialized the Live 3D technology in 2001 and since being part of Samsung Electronics in 2011, it is integrating IT, image processing, semiconductor and communication technologies into ultrasound devices for efficient and confident diagnosis.

Scan here or visit
samsunghealthcare.com

* The products, features, options, and transducers may not be commercially available in some countries.
* Sales and Shipments are effective only after the approval by the regulatory affairs.
  Please contact your local sales representative for further details.
* This product is a medical device, please read the user manual carefully before use.
* Prestige is not a product name but is a marketing terminology.

1. Optional feature which may require additional purchase.
2. Strain value for ElastoScan+™ is not applicable in Canada and the United States.
3. SonoSync™ is an image sharing solution.

a. Image acquired by RS85 Prestige ultrasound system.
b. Image acquired by V8 ultrasound system.
c. Image acquired by HS60 ultrasound system.
d. Image acquired by HS40 ultrasound system.

SAMSUNG MEDISON CO., LTD.

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