

Always ready. Always by your side.



LOGIQ E10 Series

Empowering you to make the difference.

Efficient, next-generation imaging, from neonates to geriatric patients

Clinical challenge

Radiology practices face higher demand and more challenging cases. Clinicians need robust ultrasound tools that enable productive, patient-centered care, across a wide range of clinical scenarios and applications.

GE solution

Whether the case is routine or technically challenging, the LOGIQ™ E10 Series helps you make a difference in the lives of your patients. The systems feature cSound™ Architecture, which combines versatile XDclear™ probes and the cSound Imageformer to deliver exceptional image quality in head-to-toe clinical scenarios. New AI-based workflow tools help increase exam efficiency.

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Confident diagnosis

The LOGIQ E10 Series enables clinicians to acquire extraordinary images across a broad spectrum of patients, with incredible uniformity from near to far field. The system's advanced imaging technology delivers penetration power even in high-BMI patients.

Auto-optimized images: The cSound Imageformer—now with new Advanced Speckle Reduction Imaging (SRI)—continuously delivers images of incredible uniformity from near to far field. There's no need to adjust the focus – the information you need is there, instantly.

Radiantflow™: Provides a near-3D look to enhance visualization of tiny vessels, especially when combined with Micro Vascular Imaging (MVI).

MVI: High-definition flow mode helps clinicians assess blood flow with ease in the joints, lymph nodes, and other small structures. Further enhanced when used with Radiantflow.

Choice of high-performance probes: E-Series and XDclear probes deliver powerful, high fidelity and wide bandwidth for impressive deep penetration and high resolution.

Comprehensive tools

The LOGIQ E10 Series provides robust tools that give radiologists a new level of confidence in their diagnostic decisions.

B-Flow imaging: Enables direct, real-time visualization of blood flow echoes with no vessel wall overlap to obscure details. B-Flow Capture with Reconstruction provides a three-dimensional view of blood vessels, suppressing artifacts and enhancing weak vessel signals.

Contrast Enhanced Imaging (CEUS) with TIC and Parametric Imaging: Optimizes the balance between penetration and resolution for improved contrast sensitivity, enhancing the ability to detect and characterize lesions.

2D Shear Wave Elastography: Two-dimensional shear wave elastography enables quantitative assessment of tissue elasticity. Now available with a Shear Wave Elastography Quality Indicator to support confident measurements. Strain Elastography is also available for qualitative and semi-quantitative tissue assessment.

Ultrasound Guided Attenuation Imaging (UGAP): New tool that quantifies liver steatosis to aid in early identification and monitoring of patients with NAFLD, NASH or ASH.

Volume Navigation: The combination of 2D/3D GPS Tracking and Fusion Imaging can make a real difference in accuracy, potentially reducing procedure time and patient stress.

- **Fusion Imaging:** Merge real-time ultrasound with a volume DICOM® CT, MR or PET CT dataset to facilitate second-look examinations and biopsy guidance
- **2D/3D GPS Tracking:** Visually track position during a scan using GPS-like technology, and mark points of interest to save time and enhance confidence

Photo Assistant app: Acquire photos of relevant anatomy via an Android™ smartphone or tablet, and transmit them wirelessly to the ultrasound system for inclusion with the clinical images – providing valuable context for the reviewing physician.



Concise workflow*

The LOGIQ E10 Series has been designed to help radiology departments achieve new levels of efficiency to free up time for heavy workloads and challenging cases.

Raw Data: Expanded capabilities enable image processing and quantification to be applied after the exam.

EZ Imaging: Enhance workflow with customizable probe pre-sets, simplified touch panel to reduce operator interactions, and quick patient set-up, resulting in 32% less time with 38% fewer keystrokes.¹

Auto Doppler Assistant: This AI-based tool automatically adjusts color box and angle, resulting in 20% time savings and 50% fewer keystrokes for the user.¹

Start Assistant: Automatically launches the preferred setting when the user selects an exam description, reducing keystrokes and helping to ensure quality imaging.

Scan Assistant: Provides customizable automation to assist users at each step of an ultrasound exam, helping to reduce keystrokes and exam times.

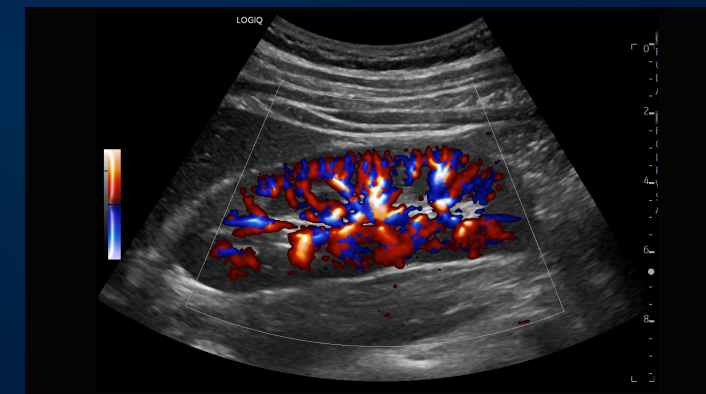
Compare Assistant: View a prior study – ultrasound, mammography, CT or MR – and current images together in real time via a split screen on the monitor.

Productivity and auto measurement packages: Semi-Quantitative Flow Analysis, Breast, Thyroid and OB help standardize exam quality while saving time.

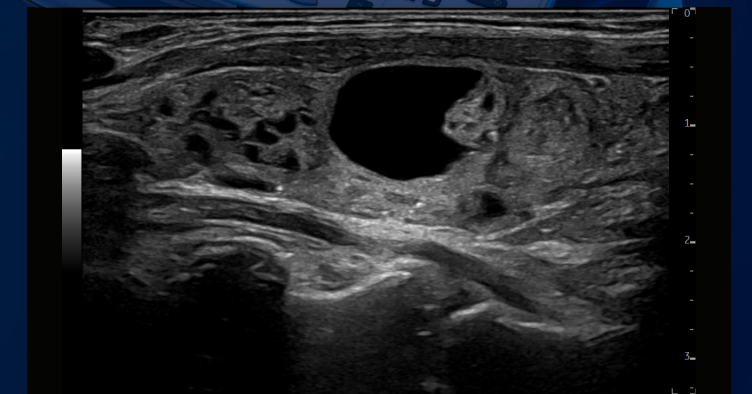
Productive operation: The ergonomic user interface has easy-to-reach controls, an adjustable floating keyboard, and an articulating monitor that adjusts for viewing both on- and off-axis.

Exceptional mobility: Systems easily fit into crowded suites. Power Assistant battery eliminates the need for re-boot, and you can even scan on battery power.

Streamlined archiving and reporting: Robust DICOM connectivity allows images to be saved to a central location and reviewed alongside other imaging modalities.



Radiantflow color imaging of kidney, C1-6-D



Multinodular Thyroid, ML4-20-D

Smart investment

GE Healthcare accelerates innovation with the LOGIQ E10 Series – making it the smart choice for now and in the future. The systems are available with a full suite of robust features and scalable options.

A to A digital platform: From awareness to assistance, stay at the forefront of clinical imaging with our A to A digital platform, specifically engineered so you can add next-generation capabilities in the years ahead.

Scalable to a whole-body solution: Provides a full suite of robust, standard features and scalable options so you can configure the optimal system to meet your abdominal, cardiac, OB/GYN, vascular, breast, and musculoskeletal imaging needs.

Familiar user interface: The new LOGIQ E10 Series offers greater functionality while maintaining the ease of operation and satisfying user experience that has become a hallmark of LOGIQ interface design.

SonoDefense: GE Healthcare's multi-layer approach to cybersecurity helps keep the systems safe and functional in the face of cyberthreats and helps protect patient data from unauthorized access.

Digital support: Wide choice of efficiency tools to help users, administrators, and operations staff improve productivity, including remote preset management, performance analytics, software/security updates, live clinical training, and advanced system diagnostics.



1. Based on an internal GE study. Data available upon request.

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December 2021
JB18395XX
Global

