



LOGIQ E10

Empowering You to Make the Difference



Elevating Your Radiology Practice to the Next Level

EFFICIENT, NEXT-GENERATION IMAGING, FROM NEONATES TO GERIATRIC PATIENTS

Clinical challenge

Radiology practices face increasing demand – including 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 system helps you make a difference in the lives of your patients. Central to the new system is the cSound™ Architecture that combines versatile XDclear™ probes and the new cSound Imageformer to deliver exceptional image quality in head-to-toe clinical scenarios, while workflow tools help increase exam efficiency.



Comprehensive tools

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

B-Flow™ imaging: This non-Doppler technique 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 in which artifacts are automatically suppressed and weak vessel signals enhanced

B-Steer+: Enhances needle visualization in real time to improve speed and confidence in needle guidance procedures.

Contrast Enhanced Imaging (CEUS): 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. Strain Elastography is also available for qualitative tissue assessment.

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® MR dataset to facilitate a second look examination and fusion guidance of biopsies of masses seen on MRI but not on ultrasound

- **2D/3D GPS Tracking:** Visually track position during a scan using GPS-like technology, and mark selected points of interest to save time and enhance confidence

Photo Assistant App: A picture is worth a thousand words in reporting. Acquire and send photos of relevant anatomy – right from the device – to provide valuable context for documentation and comparison after a study. Photo Assistant with Compare Assistant lets you track and document changes between visual and sonogram.

Compare Assistant: Enables clinicians to easily view a prior study – ultrasound, mammography, CT or MR – and current images together in real time via a split screen on the monitor, helping to improve confidence and exam efficiency.



Confident diagnosis

The LOGIQ E10 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 automatically and continuously delivers images of high quality across a wide range of clinical scenarios. Extraordinary images are quickly obtained resulting in efficient studies, particularly important in challenging cases.

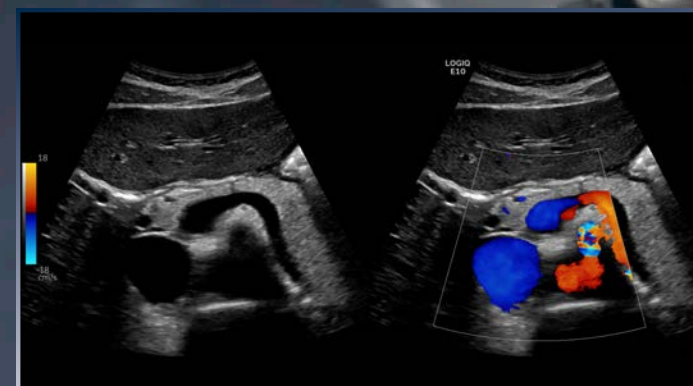
Choice of high-performance probes: E-Series and XDclear probes deliver powerful, high fidelity and wide bandwidth for impressive deep penetration and high resolution.



Spleen with Ascities, C1-6-D



Shear Wave Elastography, C1-6-D



Dual Image CF Pancreas, C1-6-D



Pediatric Kidney B-Flow, L2-9-D



> Concise workflow

The LOGIQ E10 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 dual-screen capabilities enable users to apply a wide variety of image processing and quantification after the exam. This allows the operator to extract and reanalyze information without extending exam time.

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

Intuitive operation: The ergonomic user interface features easy-to-reach controls, an adjustable floating keyboard, and an articulating monitor that is easily adjustable for viewing both on- and off-axis in the IR lab.

Exceptional mobility: The LOGIQ E10 system easily fits into crowded suites. The Power Assistant battery means that no re-boot is required when the system is moved from location to location. On-board storage ensures supplies are at hand.

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



Imagination at work

Product may not be available in all countries and regions. Full product technical specifications is available upon request. Contact a GE Healthcare Representative for more information. Please visit www.gehealthcare.com/promotional-locations.

Data subject to change.

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