



# DUS 60 (2013)

## Technical Specifications

Convex array:  
C361-2



Micro-convex array:  
C611-2



Linear array:  
L761-2



Endovaginal:  
E611-2



Endorectal:  
E741-2



Linear array:  
L743-2



### General:

Imaging mode: B, 2B, 4B, B+M, M, and PW  
 Gray scales: 256  
 Display: 12.1" TFT-LCD  
 Transducer frequency: 2.0-10.0MHz  
 Transducer connector: 2 standard  
 Beam-forming: Phase Inversion Harmonic Imaging, Multi-Beam Technology, Synthetic Aperture, Dynamic Receiving Focusing, Real-time Dynamic Aperture, Dynamic Frequency Scanning, Dynamic Apodization

Scanning angle: Up to 152 degree (transducer dependent)  
 Scanning depth (mm): From 19 to 324 (transducer dependent)

Applications: Abdomen, obstetrics, gynecology, small parts, orthopedics, cardiology, peripheral vascular, urology

### Functions:

Cine loop: 256 frames bidirectional cine-loop  
 Zoom: x1.0, x1.2, x1.4, x1.6, x2.0, x2.4, x3.0, x4.0 in distance  
 Panoramic zoom in real-time and freeze  
 Storage media: Built-in Flash, External USB-Memory stick  
 Built-in image archive: 504MB built-in image storage  
 Body marks: >130 types  
 Transducer auto-detection

### Others:

Peripheral ports:  
 S-video output: 1  
 Video output: 1  
 VGA output: 1  
 USB port: 2  
 Ethernet port: 1  
 Remote control: 1

Footswitch port: 1  
 Power supply: 100V-240V ~ 50Hz / 60Hz  
 Lithium battery: Continuous operation for up to 2 hours  
 Dimensions: 220mm (L) x 330mm (W) x 320mm (H)  
 Net weight: 7.1kg

### Imaging Processing:

Pre-processing: Dynamic Range, Frame Persist, Line Average, Edge Enhance, Gain, Smooth, AGC, 8-segment TGC adjustment, IP (Imaging Process)  
 Post-processing: Gray map, Speckle Reduction Technology, Pseudo-color, Black / white invert, Left / right invert, Up / down invert, Image rotation at 270° interval

### Measurement & Calculation:

B-mode: Distance, circumference, area, volume, ratio, %stenosis, histogram, and angle  
 M-mode: Distance, time, slope, and heart rate  
 D-mode: Time, heart rate, velocity, acceleration, trace, and RI  
 Software packages: General, obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular, and urology

### Display:

Date, Time, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Measurement Values, Body Marks, Annotations, Probe Position, Full-image-region edit

### Standard configurations:

DUS 60 (2013) main unit  
 12.1" TFT-LCD monitor

Two transducer connectors  
 Power Doppler Imaging  
 Multiple-pseudo-color Imaging  
 256 frames cine loop memory  
 504MB built-in image storage  
 Two USB ports  
 Measurement & calculation software packages  
 Convex array transducer: C361-2 (2.5/3.5/4.5/H2.5/H2.7MHz)

### Options:

Micro-convex array transducer: C611-2(5.5/6.5/7.5/H4.5/H4.7MHz)  
 Linear array transducer: L761-2(6.5/7.5/8.5/H4.5/H4.7MHz)  
 Linear array transducer: L743-2(6.5/7.5/8.5/H4.5/H4.7MHz)  
 Endovaginal transducer: E611-2(5.5/6.5/7.5/H4.5/H4.7MHz)  
 Endorectal transducer: E741-2(6.5/7.5/8.5/H4.5/H4.7MHz)  
 Needle-guide brackets for transducers  
 Integrated hard disk  
 Video printer  
 Laser printer  
 Inkjet printer  
 Footswitch  
 Li-ion battery  
 Mobile trolley  
 Hand-carry bag  
 DICOM 3.0  
 UMS100 workstation software

# EDAN

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# EDAN

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## Digital Ultrasonic Diagnostic Imaging System




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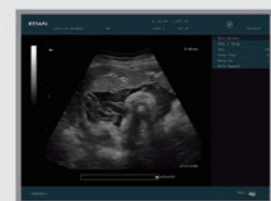
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Caring for Health

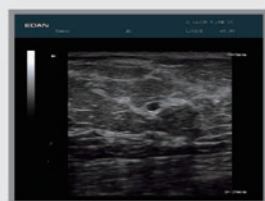


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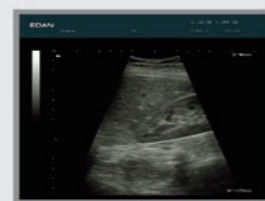
 The DUS 60 (2013) is an impressive new compact ultrasound system, providing superb value and quality across the entire range of applications. The addition of PW Doppler increases diagnostic information content.



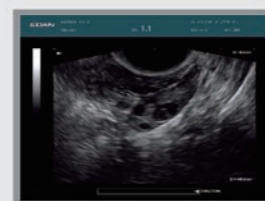
36 Week Placenta/Cord



Breast Cyst



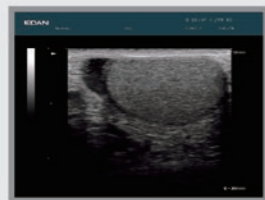
Liver/Kidney



Ovary



Popliteal Vein/Artery



Testicle



Transverse Pancreas



Uterine Fibroid



### > Powerful technologies to increase your diagnostic confidence

- Phase Inversion Harmonic Imaging technology provides best-in-class image quality
- PW Doppler supplies physiologic information for increased diagnostic value
- Five-frequency broadband transducers increases versatility

### > Go anywhere you need to go

- Compact and lightweight design for excellent mobility
- Built-in battery provides up to 2 hours of point-of-care imaging
- Large capacity integrated hard disk expands data storage

### > Intuitive user-friendly design

- One touch image optimization via smart IP key
- Backlit, easy-to-use control panel
- User-defined keys to customize your work-flow

### > Practical tools enhance efficiency

- Intelligent 8-segment TGC for precise adjustment
- Multi-format data transfer via USB and DICOM
- Multiple-pseudo-color options enhance image presentation