

VINNO R700

Elevating Ultrasound Efficiency *with Lucid Vision*

Powered by
VLucid+



VINNO Technology (Suzhou) Co., Ltd.

5F, A Building, No.27 Xinfu Rd, Suzhou Industrial Park, 215123, China
Tel: +86 512 62873806
Fax: +86 512 62873801
E-Mail: vinno@vinno.com
URL: www.vinno.com

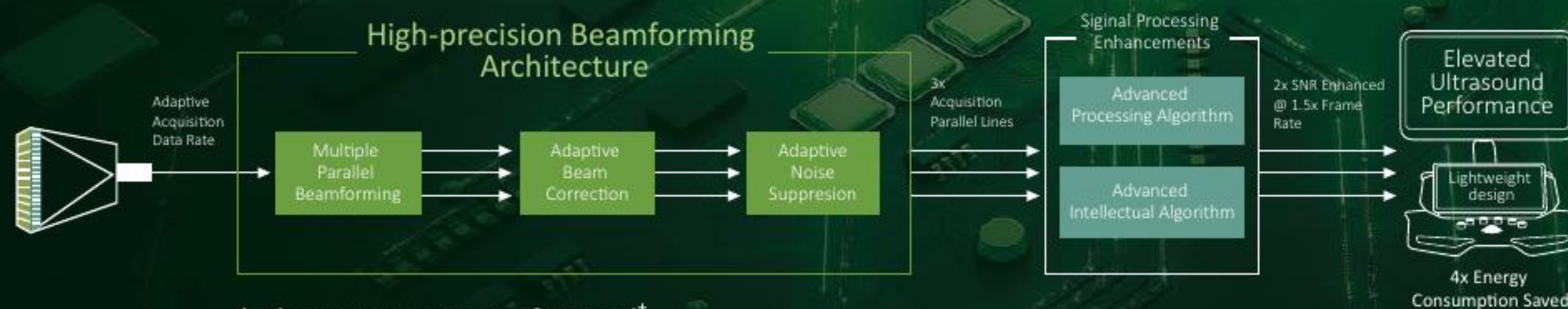


VINNO reserves the right to make changes to product specifications at any time.



DESIGNED FOR HIGH EXPECTATIONS

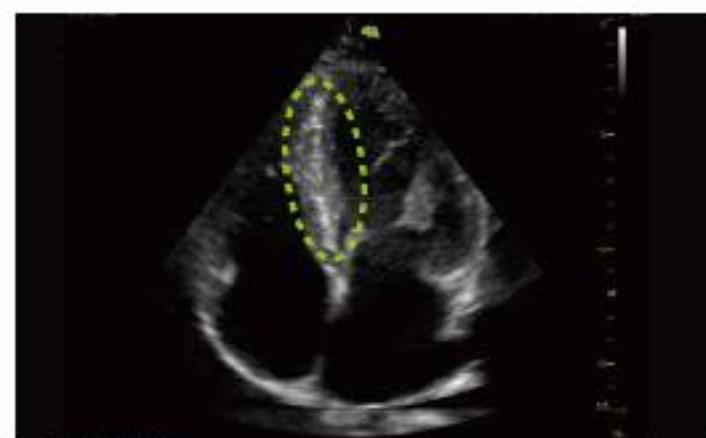
Powered by the VLucid⁺ platform, VINNO R700 redefines the ultrasound imaging clarity and easy-to-use ergonomics, elevating the scanning experience. It is designed to meet the expectations as a highly efficient shared services system.



* The improvement of VLucid⁺

Real-time Adaptive De-noising (RAD)

Effectively suppress noise/speckle artifacts and sharpens the tissue interfaces/contours, significantly enhancing the contrast resolution.



VLucid*



VLucid

Dynamic Signal Enhancement (DSE)

Improves both penetration and lateral resolution, delivering detail with extraordinary clarity.



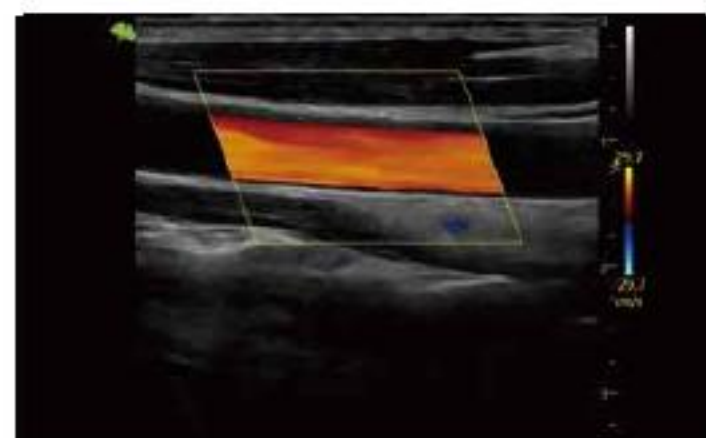
VLucid*



VLucid

Doppler Vector Projection (DVP)

Innovative Color Doppler signal processing that differentiates the 3 dimensional nature of blood flow, projects it on 2 dimensional display; amplifying the hemodynamics.



VLucid*



VLucid



- Improved conversion efficiency
- Improved axial resolution
- Improved sensitivity for deeper structure and clearer imaging



* More probes are available for multi-applications.



3D HQ Grad showing fetal ear



Myoma of uterus 2D



Apical 4 Chamber



VLuminous on directional Power Doppler showing fetal thoraco-abdominal vessels.



Hepatic and Portal Vein in Liver



Thyroid

General Imaging Solutions

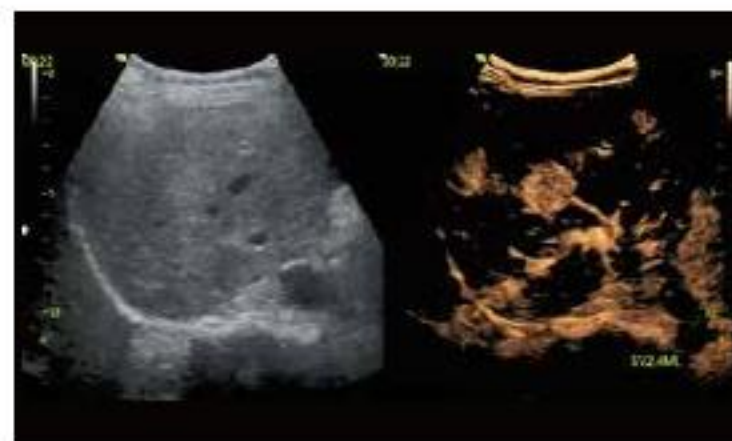
VShear [2D Shear Wave Elastography Imaging]

A non-invasive assessment of tissue stiffness in various applications. The color-coded elastogram, quantitative measurements, and user-selectable ROI functions are especially useful for accurate diagnosis of Breast, Liver, MSK, Thyroid diseases.



CBI (Contrast Bubble Imaging)

CEUS provides real-time assessment of blood flow and enhances diagnostic accuracy, aiding in the characterization of lesions, evaluation of organ perfusion, and guiding interventions.



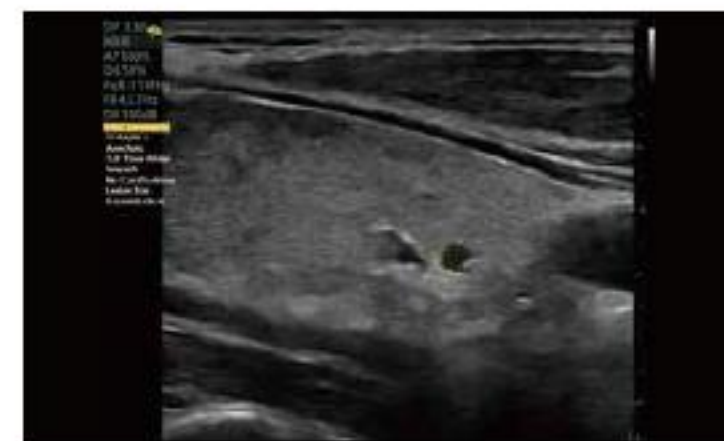
VAid Liver

An automatic detection of focal and diffuse diseases of liver in real-time or on stored images and displays quantitative analysis of the lesion.



VAid Thyroid

Thyroid nodule are detected in real-time or on stored images, together with TI-RADS categorization and reporting tool, making clinical routine of thyroid ultrasound more accurate and productive.



VFlow

A directional technology, help to detect low velocity blood flow. It enables accurate diagnosis when the blood flow examination is especially difficult.



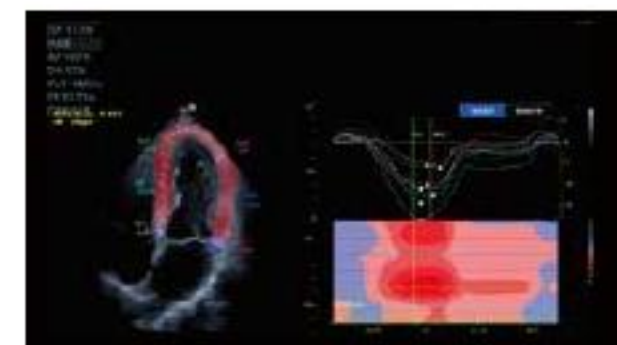
Cardiovascular Solutions

Multi Doppler

The combination of TDI and PW allows simultaneous evaluation of wall motion, asynchronies and hemodynamics, with up to 4 sample gates for vascular and 2 sample gates for cardiac on same cardiac cycle cardiac cycle, enabling faster and accurate measurement of LV diastolic dysfunction, asynchronies etc. Using the combination of PW/PW, PW/TDI, TDI/TDI.

Strain Imaging

Apical 4 Chamber view showing segmental and global longitudinal strain of level ventricle.



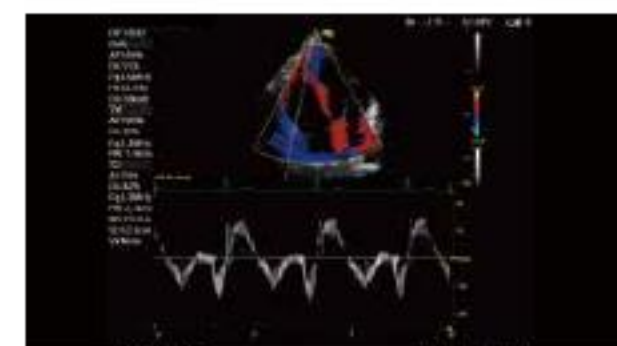
Live IMT (Intima Media Thickness)

Real time and auto measurement of both anterior and posterior wall.



Tissue Doppler (TD)

Tissue Doppler of Tricuspid lateral annulus.



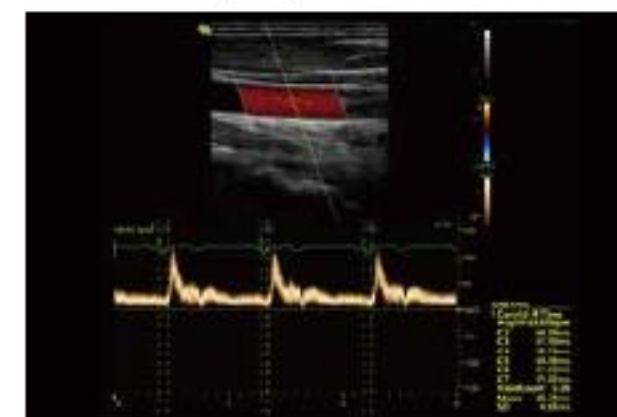
Auto EF

One-click to calculate the Ejection Fraction (EF).

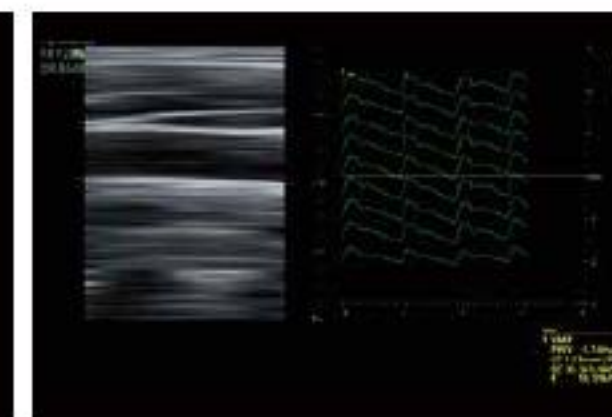


AMAS (Automatic Measurement of Arterial Stiffness) & PWV

Quantitative tools for arterial stiffness assessment, useful to detect arteriosclerosis at an early stage.



Carotid-Femoral Pulse Wave Velocity is measured and displayed.



Pulse Wave Velocity tools, detects and tracks the antero and posterior intima-media complex to measure Pulse Wave Velocity.

Women's Healthcare Solutions

VMind OB

An intelligent one-stop solution for automatically acquiring up to 28 standard planes (the most comprehensive). With just one click, clinicians can obtain accurate and efficient fetal biometry results, ensuring unprecedented ease of operation during exams.



VAid Breast

Automatic breast screening and lesion detection in real-time or stored images, along with the smart BI-RADS analysis, effectively improves quality control.



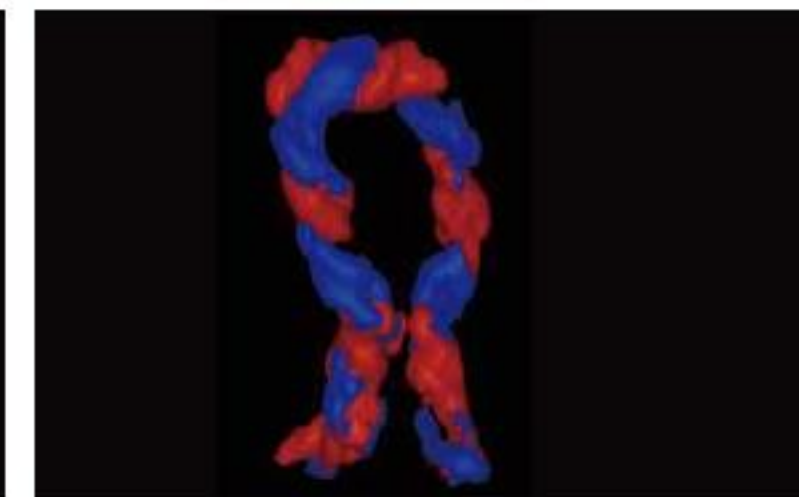
Light Lab

A new 3D rendering technology that allows user to customise the position and direction of the virtual light sources, which displays the internal structure details more clearly and enhances the three-dimensional perception.



Color 3D

Color 3D applies advanced acquisition and rendering technology to provide improved visualization and structure expression, helps users better understand natural hemodynamics of vascular networks, like umbilical cord and fetal heart.



Women's Healthcare Solutions

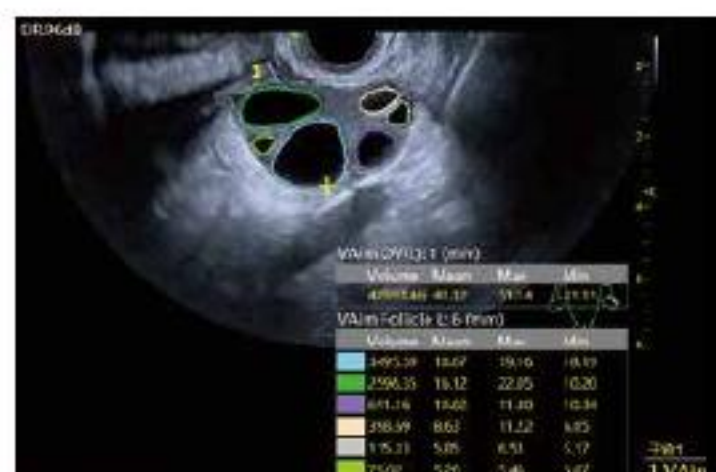


FLYINSONO

Connect anytime, from anywhere, at any terminal

Flyinsono is the pioneer of Remote Ultrasound Imaging Solution. Endorsed by Cloud technology, Flyinsono can realize Remote Consultation, Intelligent Diagnosis, Remote Quality Control, Online Training, Remote Service, Academic Seminars and etc. Flyinsono breaks down geographical, traffic and personnel barriers, and provides real-time or time-sharing services to remote medical facilities. Especially with the AI-based diagnostic tools, physicians can significantly improve their diagnostic efficiency and accuracy.

VAim Follicle



One-touch auto measurement and display of follicles.

VAim OB



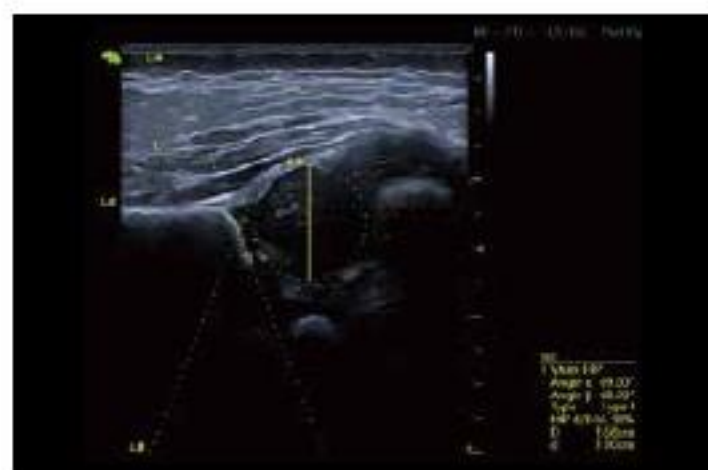
One-touch auto recognition and measurement of fetal biometry

VAim Pelvic

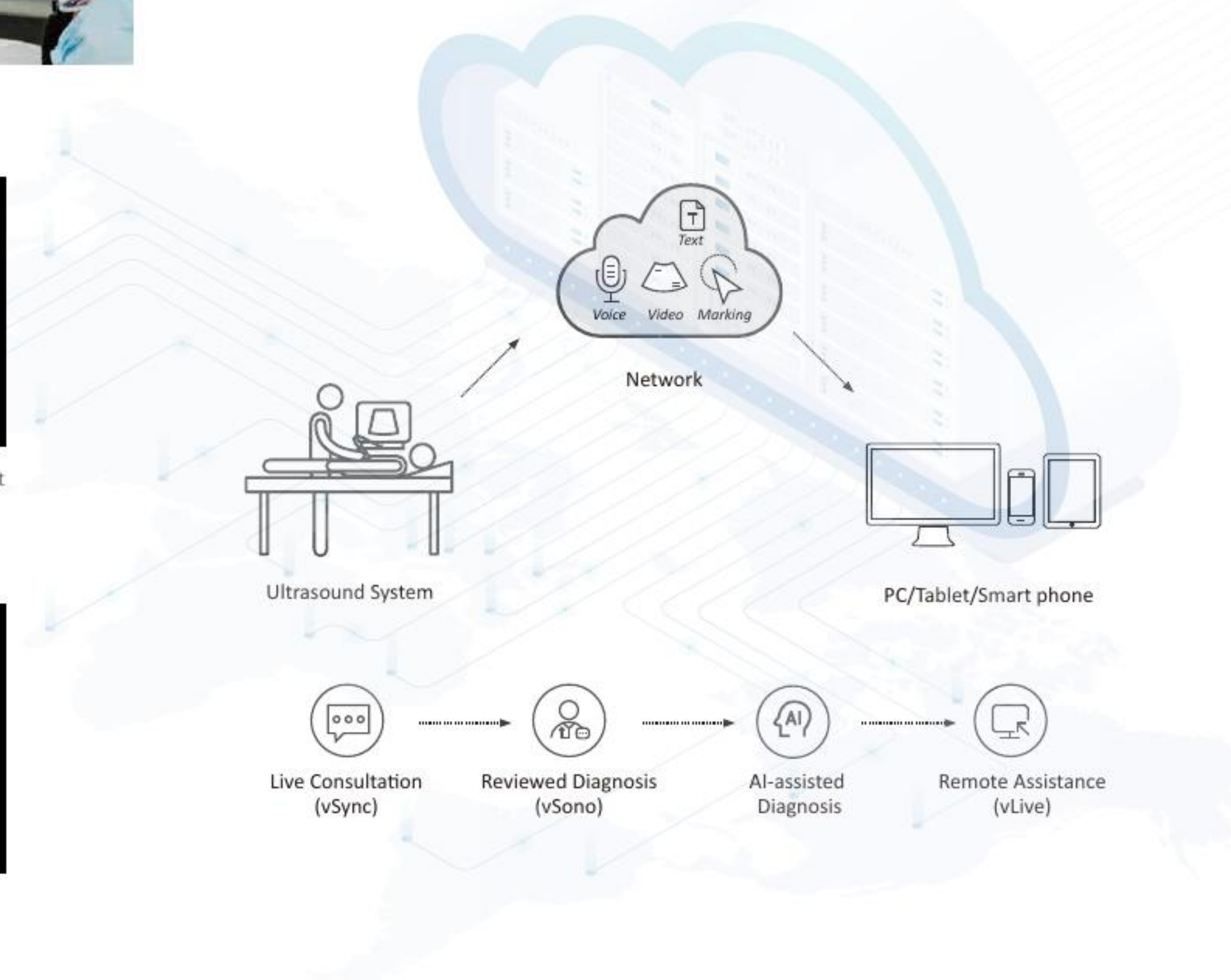


Levator Ani and urethral dimensions are automatically measured and displayed using VAim Pelvic.

VAim Hip



One-touch automatically measures the alpha, beta angles of neonatal hip structures and Graf classification.



SEAMLESS WORKFLOW



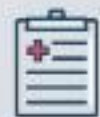
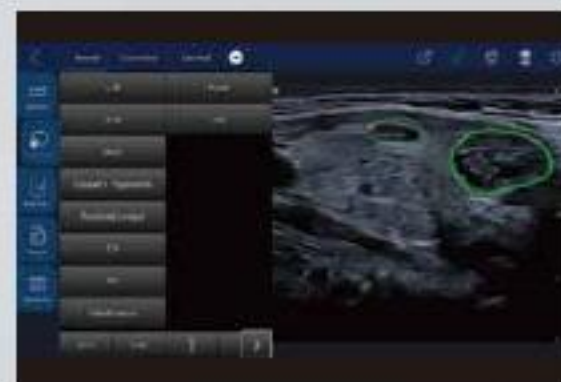
Background transfer

Archive supports background export without interrupting the actual scan



Finger-draw comments

Support to use finger to draw comment in free style, which is very helpful for remote diagnosis or online training



VReport

As a customer-centric tool, VReport allows users to define and import the report template, and then the system will auto generate related measurement items based on the imported template, which significantly improve the work efficiency

VINNO HOSPITAL					
BREAST ULTRASOUND REPORT					
NAME	IN BREAST	GENDER	Female	AGE	35
PATIENT ID	00000000	EXAMINATE	10.01.2020	REF ID	
CLINICAL HISTORY (Please type)					
BREAST LESION					
Lesion Size	Length: 1.5 cm	Width: 1.2 cm	Height: 1.2 cm	Size to Nipple	1.5 cm
BREAST LESION DESCRIPTION					
Location (cm)	1.5 cm	Location region	central	Shape	oval
Margin	circumferential	Orientation	parallel	Echo pattern	hypoechoic
Posterior Echo	no feature	calcification	no calcification	Associated info	no clearly do
Additional info		BI-RADS	BI-RADS 1	CR-Flowgraphy	12.0
LIMBS					
Length Right (cm)	Length	Width	1.5 cm	Height	1.2 cm
Length Left (cm)	Length	Width	1.5 cm	Height	1.2 cm
RIGHT BREAST LEFT BREAST					



1



23.8" large monitor

2



Tilttable 15.6" touch screen

3



Endocavity probe holder

4



In-built gel warmer

5



Built-in battery for 60-minute continuous scanning

6



Height and direction adjustable console

7



5 active ports