

SISTEMA DIGITAL DE ULTRASSOM COLOR DOPPLER

PCB-VIEW-01



SOBRE O PCB-VIEW-01

Clareza no desafio — Color Doppler trolley premium com AI+.

The **PCB-VIEW-01** is a full digital Color Doppler ultrasound trolley system, engineered for hospital departments demanding the highest imaging fidelity and AI-assisted workflow. Powered by the **uSeed metadata beamforming** platform (CPU + GPU + FPGA) with **+50% computational speed** and **+30% heat-dissipation efficiency**, it delivers Supreme Imaging across cardiology, vascular, OB/GYN, abdomen, MSK and pediatrics.

Equipped with a **21.5" rotating Medical Display**, a **13.3" high-sensitivity touch screen**, an adjustable motorized console, **4 activated transducer connectors**, a detachable gel-warming cup, 1TB hard disk, DVD-R/W and 6 USB ports — the PCB-VIEW-01 streamlines every step of the exam workflow. Smart Matrix AI+ delivers automated diagnostic tools for ICU, vessel/MSK and pediatrics, while **Zonnect Imaging** (optional) enables real-time remote ultrasound diagnosis worldwide.

CONFIGURACOES DISPONIVEIS

7 pacotes especiais de transdutores.

CONFIG 1 • PADRAO

+1 pc **3C6CD Convex**
+1 pc **7L4CD Linear**

CONFIG 2 • + TRANSVAGINAL

+1 pc **3C6CD Convex**
+1 pc **7L4CD Linear**
+1 pc **6E1CDS Transvaginal**

CONFIG 3 · + CARDIACO

+1 pc **3C6CD Convex**
+1 pc **7L4CD Linear**
+1 pc **3P2CA Phased Array**

CONFIG 4 · TV + CARDIACO

+1 pc **3C6CD Convex**
+1 pc **7L4CD Linear**
+1 pc **6E1CDS Transvaginal**
+1 pc **3P2CA Phased Array**

CONFIG 5 · 4D GO

+1 pc **3C6CD Convex**
+1 pc **6E1CDS Transvaginal**
+1 pc **4V4CD Volume (4D)**

CONFIG 6 · 4D GERAL

+1 pc **3C6CD Convex**
+1 pc **7L4CD Linear**
+1 pc **4V4CD Volume (4D)**

CONFIG 7 · PACOTE COMPLETO

+1 pc **3C6CD Convex**
+1 pc **7L4CD Linear**
+1 pc **6E1CDS Transvaginal**
+1 pc **4V4CD Volume (4D)**

TRANSDUTORES OPCIONAIS

**Adicione qualquer sonda a sua
configuracao.**

TRANSDUTOR CONVEX

Model **3C6CD**
Abdomen · OB · Gynecology · Urology ·
General

TRANSDUTOR LINEAR

Model **7L4CD**
Vascular · Thyroid · Breast · MSK ·
Superficial

TRANSDUTOR TRANSVAGINAL

Model **6E1CDS**

Endocavity OB/GYN · IVF · Early pregnancy

TRANSDUTOR PHASED ARRAY

Model **3P2CA**

Adult + Pediatric Cardiac · includes
Extended Cardiac Package FREE

TRANSDUTOR VOLUME 4D

Model **4V4CD**

Volumetric 4D OB/GYN · includes Zlive
2.0 FREE

TRANSDUTOR MICROCONVEX

Model **6C1CD**

Pediatric / Neonatal abdomen · Cardiac ·
Superficial

ACESSORIOS E SOFTWARE

Complete seu sistema.

PACOTE DE BATERIA

Built-in order before delivery — for
outreach and bedside scanning without
AC power.

MODULO ECG

Built-in order before delivery — for
synchronized ECG tracing during cardiac
exams.

GUIA DE PUNCAO ZNG-07

For 3C6CD Convex transducer —
abdominal biopsy & guided intervention

GUIA DE PUNCAO ZNG-08

For 7L4CD Linear transducer — breast /
thyroid / lymph node biopsy

GUIA DE PUNCAO ZNG-09

PEDAL

For 6E1CDS Transvaginal transducer —
oocyte retrieval, gynecology intervention

Hands-free freeze / capture / parameter
toggle — sterile procedures

IMPRESSORA DE VIDEO

SONY-UP-X898MD thermal printer —
on-the-spot B-mode / Color / Doppler
print

ELASTOGRAFIA

Strain elastography software — only
available with Transdutor Linear

EXTENDED CARDIAC PACKAGE

Free Steering M + Color M — **FREE**
when ordering with Phased Array
transducer

RENDERIZACAO ZLIVE 2.0

4D lighting render module — **FREE** when
ordering with 4D Volume transducer

PACOTE DICOM 3.0

Full DICOM 3.0 — Store · Print · Worklist
· Storage Commitment · MPPS

ZONNECT IMAGING (OPCIONAL)

Remote ultrasound system — real-time
consultation, live teaching, training, AI-
assisted smart diagnosis

DESIGN ERGONOMICO

Fluxo de trabalho eficiente e rapido.

Premium trolley platform engineered for high-volume hospital workflow — adjustable motorized console, dual displays, integrated gel warmer and four universal transducer connectors.





LCD MEDICO 21.5" / 23.8"

Rotatable, stretched and folded medical-grade LCD monitor — multi-angle adjustment for any operator position.

TELA TACTIL DE ALTA SENSIBILIDADE 13.3"

55° max reversible touch screen with multi-angle adjustment — fast access to imaging modes and AI tools.



CONSOLE MOTORIZADO AJUSTAVEL

Adjustable console height and keyboard rotation — supports multi-directional adjustment for seated or standing operation.



4 CONECTORES UNIVERSAIS

Four activated probe connectors — keep all your transducers plugged in and switch instantly between exam types.

AQUECEDOR DE GEL REMOVIVEL



SUPORTE DE Sonda SUBSTITUIVEL

Suporte de sonda substituíveis including
exclusive holder for endocavity transducer
— easy cleaning and disinfection.

Detachable coupling agent heating cup
— **37 °C / 40 °C optional** — improved
patient comfort.

CONECTIVIDADE E ARMAZENAMENTO

**1 TB hard disk · DVD-R/W · 6 USB
ports**

Interfaces: Video · S-Video · HDMI · DVI ·
VGA · RS-232 · Ethernet · Audio in/out ·
DICOM 3.0 · Printer

HARDWARE SUPREME IMAGING

3× CPU · 16 GB RAM · 1 TB Storage
Faster mode switching, faster Doppler
refresh, smoother real-time imaging.

NOVA PLATAFORMA USEED

**A tecnologia que impulsiona o PCB-
VIEW-01.**



The PCB-VIEW-01 is built on the brand-new **uSeed metadata beamforming** imaging technology platform — developed on **CPU + GPU + FPGA** heterogeneous computing architecture for hospital-grade Color Doppler performance. Images are saved as raw metadata for offline parameter adjustment after the exam.

USEED METADATA BEAMFORMING

CPU + GPU + FPGA heterogeneous computing — **+50% computational speed** and **+30% heat-dissipation efficiency** over the previous generation.

PIHI • PULSE INVERSE HARMONIC IMAGING

Reduces distortion of the fundamental wave and greatly improves signal-to-noise ratio — sharper images in technically difficult patients.

ZCLEAR • REDUCAO DE SPECKLE

Significantly reduces unwanted speckle while preserving tissue boundary and tissue echo — cleaner background for confident clinical diagnosis.

FCI • IMAGEM COMPOSTA DE FREQUENCIA

Combines fundamental and harmonic frequencies to improve detail and contrast resolution across the full depth range.

SCI • IMAGEM COMPOSTA ESPACIAL

Better contrast resolution, reduced speckle noise, smoother homogeneous tissue imaging.

EFOV • IMAGEM PANORAMICA

Extended field-of-view panoramic stitching with **+30% stability** — whole-organ visualization in one image.

ZONELAST ELASTOGRAFIA

Strain elastography **+50%** sensitivity improvement — breast, thyroid, lymph node, MSK applications.

GLAZING FLOW • DPDI • CONTRASTE

Glazing Flow, Directional Power Doppler, contrast-enhanced ultrasound, Color M-Mode (CMM) — comprehensive Doppler toolkit.

SMART MATRIX AI+

Resolvendo desafios diários dos médicos.

UTI • DIAFRAGMATICO + CARDIACO RAPIDO

One-click diaphragmatic and cardiac parameters — faster weaning decisions and bedside cardiac assessment.

VASCULAR + MSK • FACIL

AI-guided vessel and musculoskeletal identification — **50% shorter learning curve** for new operators.

PEDIATRIA • PRECISO

AI hip measurements (Auto Hip), **40% higher repeatability**, fewer missed or incorrect diagnoses.

IA CARDIOVASCULAR

Auto EF • Auto VTI • Auto IVC • Auto Vascular • Auto LV • CW • TDI • IMT • RIMT.

IA GO

Smart OB · Auto NT · Smart 3D · Auto Face · Zlive 2.0 · Basin bottom measurement · 3D/4D.

OUTRAS SOLUCOES IA

Auto HRI · Auto Bladder · Auto B-Line · Auto Hip · Auto Diaph · Smart Nerve · Smart SMK.

CUIDADO INTEGRADO

Seu assistente invisível.

MENOS CLIQUES, MAIS PACIENTES

Dynamic Preview + Quick Recall — reduces steps by **60%**, enabling more exams per shift.

COMPARTILHAMENTO INSTANTANEO SEGURO

QR code and Bluetooth PDF transfer enable remote expert guidance in real time — between exam rooms, departments and facilities.

INICIANTES SE TORNAM ESPECIALISTAS

18 teaching planes + magnifier make scans precise and easy. **Ultrasound Assistant 2.0 + 5×5 cm Magnifier.**

FLUXO ZWORK OTIMIZADO

zWork system streamlines ultrasound examinations — protocol-driven exam sequences, auto-saved measurements, structured reports.

ZONNECT IMAGING (OPCIONAL)

Solucao profissional de ultrassom remoto.

Redefining ultrasound diagnostics — enabling real-time expert support anytime, anywhere. Primary hospitals can initiate remote consultations through Zonnect Imaging; specialists can view live ultrasound images and guide on-site doctors in real time.

CINCO VANTAGENS TECNICAS CHAVE

- High transmission speed, low latency (<200 ms)
- Dual-way control
- Compatible with all major brands
- Compatible with Windows, Android, iOS
- Data security

SETE FUNCOES CHAVE

- Real-time expert consultation
- Asynchronous diagnosis
- AI-assisted smart diagnosis
- Remote scan guidance & control
- Image quality assurance
- Remote training & education
- Remote service & support

APLICACOES CLINICAS COMPLETAS

Desempenho notavel em todas as especialidades.

The PCB-VIEW-01 provides remarkable performance in **Abdomen, OB/GYN (incl. endocavity), Cardiology, Vascular, Urology, Small parts (Breast, Thyroid, etc.), Musculoskeletal, Pediatrics, ICU and Neurological intervention.**

Imaging modes: B · 2B/4B · M · AMM · Curved AMM · CM · CDFI · PDI · DPDI · CW · PW · TDI · 3D/4D · Glazing Flow

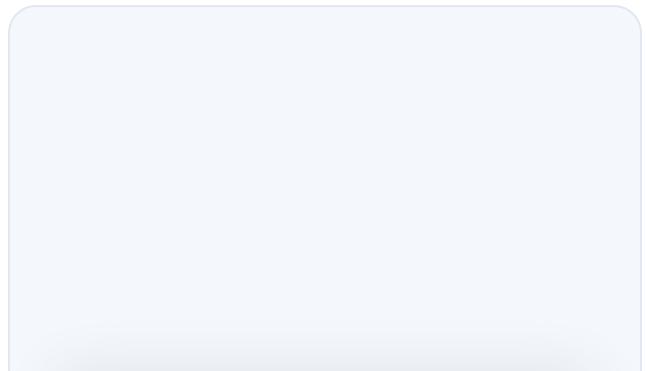
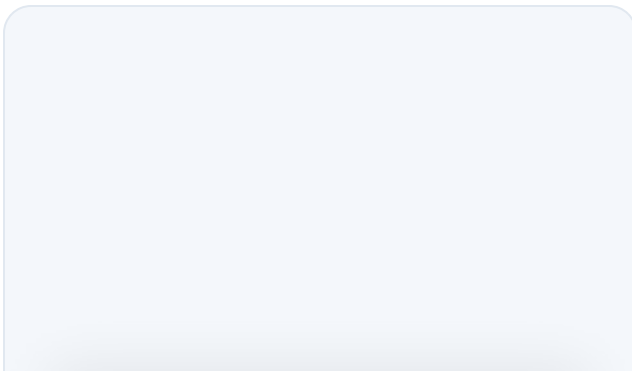
Measurement packages: Abdomen · OB & GYN · Cardiac · Vascular · Urology · Small organ

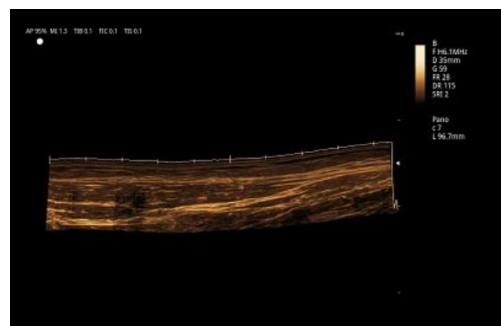
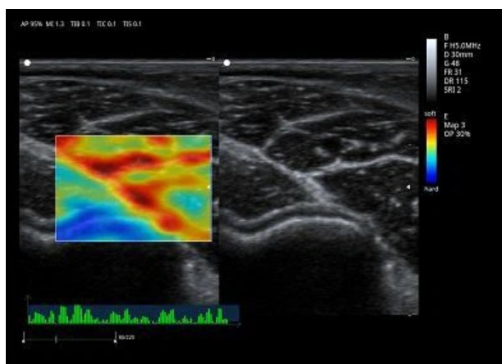
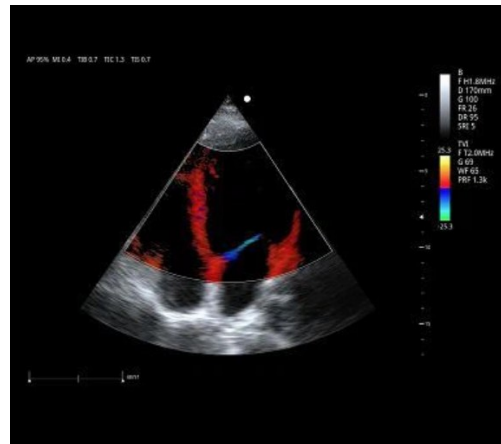
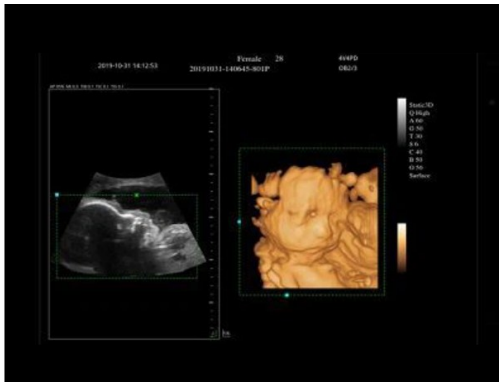
Modules: 4D module + CW module

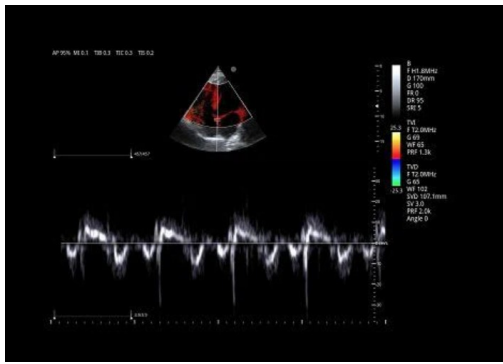
Image technologies: EFOV · Panoramic · zonElast · SCI · FCI · zClear · PIHI · THI · TSI · Contrast-enhanced · IMT · RIMT · HR-Flow · Micro Blood Flow Imaging

IMAGENS CLINICAS

Exames de amostra.



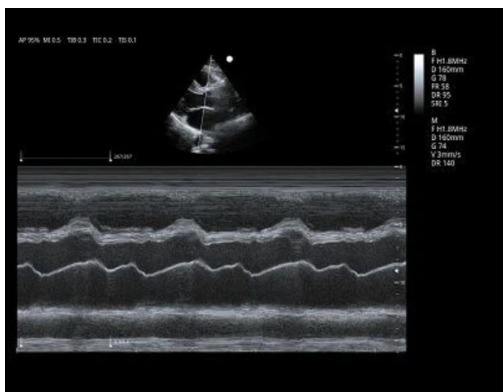




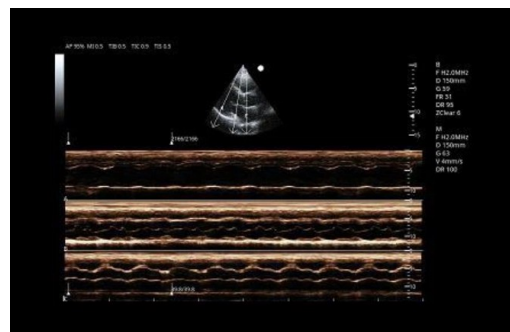
CARDIACO TDI



CARDIACO PW DOPPLER



CARDIACO M-MODE (AMM)



COLOR M-MODE (CMM)

GARANTIA

Cobertura de garantia de fabrica.

2 ANOS • UNIDADE PRINCIPAL

2-year factory warranty on the PCB-VIEW-01 main unit from ex-factory date.

1 ANO • TRANSDUTORES + BATERIA

1-year factory warranty on transducers and lithium battery from ex-factory date.