



6-CHANNEL 12-LEAD TABLET ECG · EKG SERIES · CARDIOLOGIA

PCB-EKG-12

SOBRE O PCB-EKG-12

Hospital-grade 12-lead ECG in a tablet form-factor.

The **PCB-EKG-12 Tablet 12-Lead ECG** reinvents electrocardiography for the digital hospital. Six channels, twelve leads and a **10.4-inch touchscreen (1024×768)** in a single tablet — designed to move with the clinician between wards, exam rooms and mobile stations.

At its core, the **Glasgow ECG interpretation algorithm** and **iFilter adaptive filtering** deliver clinically-trusted analysis. Pacemaker detection, waveform freezing, waveform review and report reanalysis mean fewer repeat exams and faster diagnostic decisions.

Full **Wi-Fi connectivity** and wired network integration send reports directly to the hospital **PACS and HIS**. Print options include the built-in thermal printer, external printer or fully paperless workflow.

Awarded the **Red Dot design prize in 2016** — recognized industrial design for critical clinical use.



10.4" tablet touchscreen

High-resolution touchscreen (1024×768) with tablet-style navigation. Fast one-hand operation and in-glove touch. Wall-mount, cart or mobile.



Interpretação Glasgow

Clinically validated Glasgow ECG algorithm for automatic interpretation. iFilter adaptive filtering removes noise while preserving diagnostic detail.

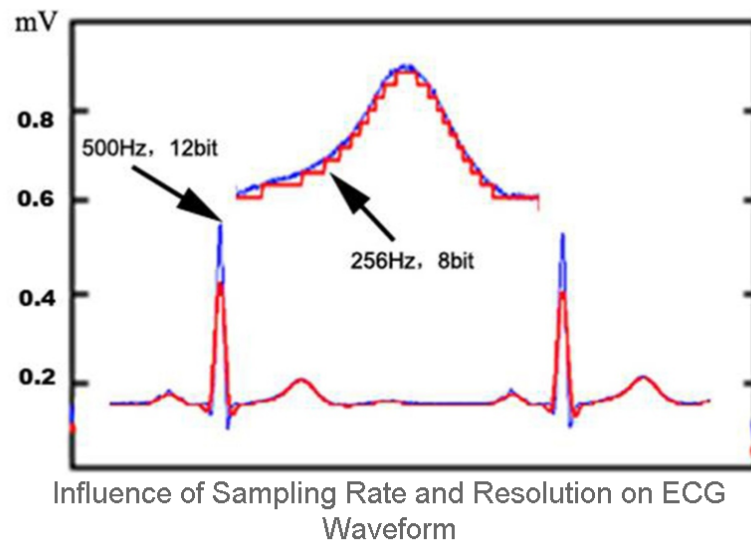


PACS + HIS via Wi-Fi

Wi-Fi and wired network integration. Reports go directly to hospital PACS and HIS — no USB, no printouts, no manual entry.

POWERFUL PERFORMANCE

32 kHz · 24-bit · ultra-wide response.



— KEY CAPABILITIES

REAL-TIME 12-LEAD VIEW

- Padrão I, II, III · aVR, aVL, aVF
- Precordial V1 – V6
- Live grid + patient ID + timestamp
- 25 mm/s · 10 mm/mV standard

INTERPRETAÇÃO GLASGOW

- Automatic diagnostic interpretation
- iFilter adaptive filtering
- Waveform freeze + review + reanalysis
- Pacemaker detection

WI-FI + PACS/HIS

- Direct upload to hospital PACS
- HIS patient database integration
- Wired ethernet backup
- Cloud archive supported

MULTI-MODE PRINTING

- Built-in thermal printer
- External printer compatible
- Fully paperless workflow
- On-tablet report review

DADOS TÉCNICOS

Especificações completas.

AQUISIÇÃO DE SINAL

- Tipo: Tablet 12-lead ECG
- Canais: 6
- Leads: 12
- Taxa de amostragem: 32,000 Hz
- Conversão A/D: 24-bit
- Resposta em frequência: 0.01 – 350 Hz
- Faixa de pacientes: Adulto · Pediátrico · Recém-nascido
- Velocidade: 25 mm/s adjustable
- Sensibilidade: 10 mm/mV adjustable

SOFTWARE & ANALYSIS

- Interpretation: Glasgow ECG algorithm
- Filtering: iFilter adaptive
- Pacemaker: Detection supported
- Waveform tools: Freeze · Review · Reanalysis
- Report preview: Yes · with signal quality
- Auto-diagnosis: Ritmo sinusal · alertas de arritmia
- Medições: FC · PR · QRS · QT · QTc · Eixo
- Registros: Historical query + case management

HARDWARE & POWER

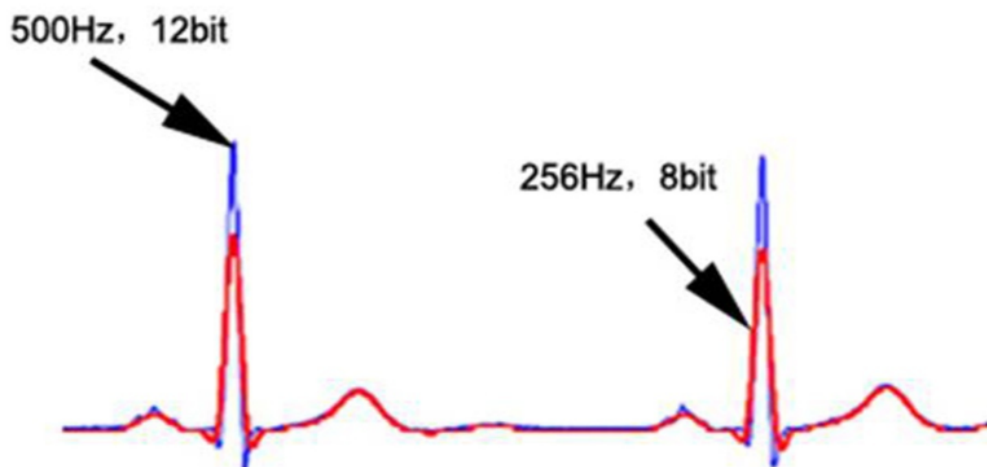
- Tela: Touchscreen 10,4" · 1024×768
- Impressora: Built-in thermal + external
- Recording: Built-in · External · Paperless
- Wi-Fi: Yes · PACS + HIS
- Wired: Ethernet · USB
- Alimentação: CA 100 – 240 V · 50/60 Hz
- Award: Red Dot Design 2016
- Certificações: CE · ISO 13485



Integração hospitalar · HL7 / DICOM

Standard Wi-Fi + wired networking. Direct access to hospital systems via HL7/DICOM protocol — no third-party software needed. Barcode scanner for patient info input, printing report, report import/export.

- Ergonomic clinical tablet
- Base + printer + battery
- Ready for wall-mount or cart



Influence of Sampling Rate and Resolution on ECG Waveform

QUALIDADE E CONFORMIDADE

Fabricado sob padrões internacionais de qualidade.

Desenvolvemos e comercializamos equipamentos médicos sob nossos próprios padrões, apoiados por parcerias dentro de uma rede global de produção e uma abordagem estratégica de sourcing, o que nos permite oferecer aos nossos distribuidores soluções confiáveis e competitivas prontas para mercados internacionais.

Da definição do produto e especificações técnicas à marca, embalagem e documentação, controlamos cada aspecto crítico do processo.

Contamos com um departamento de serviço na Ásia e nos Estados Unidos que oferece suporte técnico multilíngue e imediato, garantindo continuidade operacional para nossos distribuidores e seus clientes finais.

USED ACROSS THE MODERN DIGITAL HOSPITAL

Hospital

UTI

Emergência

Cardiologia

Centro Cirúrgico / Anestesia

Enfermaria

Triagem

Integração PACS