



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

PCB-EKG-12

ACERCA DEL 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.



Interpretación Glasgow

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

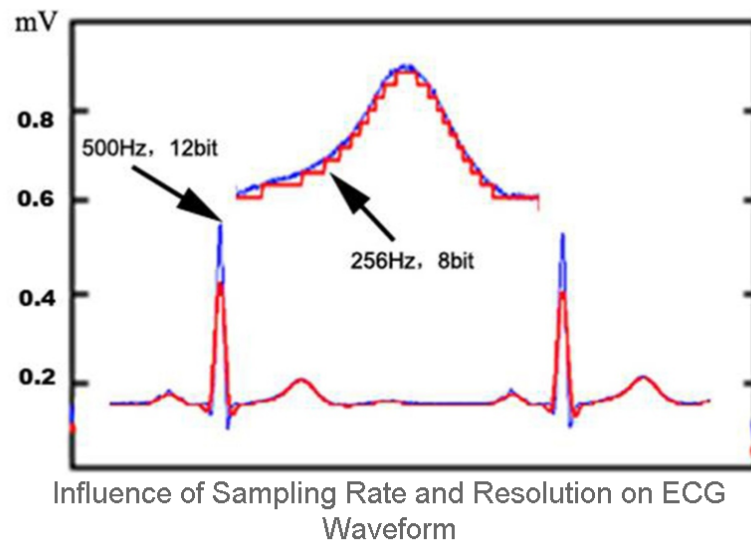


PACS + HIS vía Wi-Fi

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

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

INTERPRETACIÓN 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

DATOS TÉCNICOS

Especificaciones completas.

ADQUISICIÓN DE SEÑAL

- Tipo: Tablet 12-lead ECG
- Canales: 6
- Leads: 12
- Tasa de muestreo: 32,000 Hz
- Conversión A/D: 24-bit
- Respuesta en frecuencia: 0.01 – 350 Hz
- Rango de pacientes: Adulto · Pediátrico · Neonato
- Velocidad: 25 mm/s adjustable
- Sensibilidad: 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
- Mediciones: FC · PR · QRS · QT · QTc · Eje
- Registros: Historical query + case management

HARDWARE & POWER

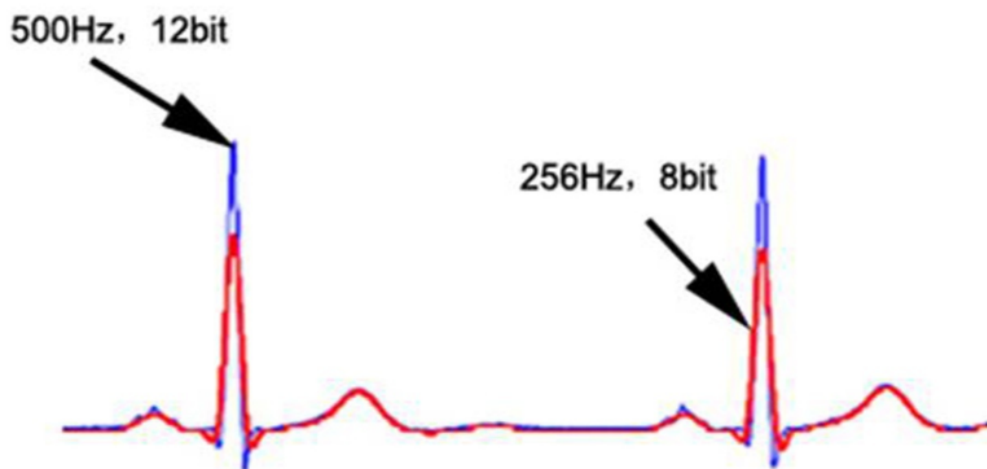
- Pantalla: Pantalla táctil de 10,4" · 1024×768
- Impresora: Built-in thermal + external
- Recording: Built-in · External · Paperless
- Wi-Fi: Yes · PACS + HIS
- Wired: Ethernet · USB
- Alimentación: CA 100 – 240 V · 50/60 Hz
- Award: Red Dot Design 2016
- Certificaciones: CE · ISO 13485



Integración hospitalaria · 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

CALIDAD Y CUMPLIMIENTO

Fabricado bajo estándares internacionales de calidad.

Desarrollamos y comercializamos equipos médicos bajo nuestros propios estándares, respaldados por alianzas dentro de una red global de producción y un enfoque estratégico de abastecimiento, lo que nos permite ofrecer a nuestros distribuidores soluciones confiables y competitivas listas para mercados internacionales.

Desde la definición del producto y las especificaciones técnicas hasta la marca, el empaque y la documentación, controlamos cada aspecto crítico del proceso.

Contamos con un departamento de servicio en Asia y Estados Unidos que provee soporte técnico multilingüe e inmediato, garantizando continuidad operacional para nuestros distribuidores y sus clientes finales.

USED ACROSS THE MODERN DIGITAL HOSPITAL

Hospital

UCI

Emergencia

Cardiología

Quirófano / Anestesia

Sala

Tamizaje

Integración PACS