



## touchECG System - Android

Portable digital ECG solution

Portable digital ECG device, compatible with Android tablets and smartphones. Simultaneous display of 12 leads and wireless connectivity.

touchECG System Android is designed to offer maximum flexibility in mobile and decentralised environments, such as ambulances or telehealthcare units.



### MOBILE OPERABILITY

Designed for ambulances and mobile units, ideal for telehealthcare, touchECG is the compact and versatile ECG device for frontline medics. Portable and immediate, it guarantees fast and reliable acquisitions, from the emergency room to home care.



### COMPATIBILITY

Compatible with Android smartphones and tablets, touchECG transforms any mobile device into a complete ECG device. With its intuitive interface, wireless connectivity and immediate access to data, managing the diagnostic workflow has never been easier.

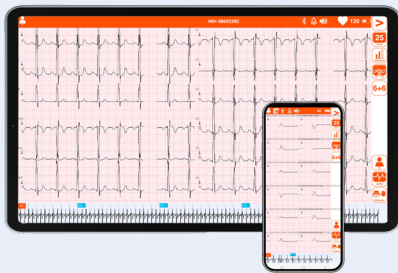
# touchECG System – Android

## touchECG Android

**Advanced features:** lead reversal detection, arrhythmia analysis, and pacemaker display for accurate diagnosis and optimal clinical results.

**Integrated connectivity:** full compatibility with hospital PACS and HIS systems to due to bidirectional DICOM data flow; supports SCP, PDF, GDT and, optional HL7 format for flexible data integration.

**ECG management via browser:** native integration with ECGWebApp for secure editing, data storage and reporting on a fully browser-based platform.



## HD+/HD+12 acquisition unit

**Lightweight and durable design:** wireless, robust and ergonomic for patient comfort and operator convenience.

**Flexible connectivity:** uninterrupted data transmission via wireless connection or optional USB cable.

**Advanced portability:** single-button activation, water and dust protection (IP42 with silicone shell), and drop resistance up to 1 metre.



## Technical specifications

ECG leads	12 leads (I, II, III, aVR-L-F, V1-6)
Patient cables	10-wire patient cable (HD+, HD+ 12)
CMRR	> 100 dB
Input impedance	>100 MΩ
A/D sampling	24bit, 128,000 samples per second per channel
ECG resolution	< 1μV/LSB
Dynamic range	+/- 500 mV
Bandwidth	Performance equivalent to 0.05-150 Hz
Pacemaker detection	Available
Filters	Diagnostic linear phase digital pass filter (compliant with 60601-2-25 2nd ed) 50/60 Hz digital AC interference adaptive filter 25/40 Hz digital low-pass filter (for printing and display)
Defibrillator protection	AAMI/IEC standard
HD+ performance	ANSI/AAMI IEC 60601-2-25:2011, compliant with EN 1789 (ambulances) and EN 60601-1-11 (home care)
Acquisition mode	Automatic, Manual, Stat, Review
Lead configuration	Standard or Cabrera
Memory	Internal memory up to 1,000 ECGs
ECG interpretation	Glasgow interpretive algorithm for adults, children and STEMI (optional)
Export	SCP (Cardioline format), PDF, .xml, GDT, DICOM and HL7 (optional)
Operating system	Android 10 or later version
Data transfer	Bluetooth Low Energy (BLE)