

iECG



- A mobile solution for Ward Rounds
- Initial ECG Analysis on the tablet
- Further ECG Analysis on Smart ECG Viewer
- Wireless Acquisition Module
- Mobile Tablet

iECG consists of a tablet and a wireless ECG acquisition module, which provides a mobile solution to meet the demands of caregivers in a mobile treatment environment. iECG also includes our reliable automotive ECG analysis software, to make you have a fast and confident ECG assessment before you send the ECG report to Smart ECG Viewer for a further analysis.

PHYSICAL CHARACTERISTICS

Dimensions

Transmitter: 63mm x 107mm x 23mm
Receiver: 155mm x 100mm x 30mm

Weight

Transmitter: Approx. 113g (not including battery)
Receiver: Approx. 173g

EGC SAMPLING BOX PERFORMANCE

Leads Mode

12 Standard Leads/Cabrera leads

Acquisition Mode

Simultaneous 12 leads acquisition

Sampling Rate

10,000/sec/channel (sampling)
500/sec/channel/ (analysis)

A/D Resolution 18 bits

Time Constant $\geq 3.2s$

Frequency Response

0.05Hz -150Hz (-3db)

Gain

2.5mm/mV, 5mm/mV,
10mm/mV, 20mm/mV

Input Impedance $\geq 20M\Omega$ (10Hz)

Input Circuit Current $\leq 0.05\mu A$

Input Voltage Range $\leq \pm 5mV_{pp}$

Calibration Voltage $1mV \pm 2\%$

DC Offset Voltage $\pm 500mV$

Noise $\leq 15\mu V_{p-p}$

Filter

AC filter: ON/OFF

DTF Filter: Weak/strong

LOWPASS filter:

25Hz/35Hz/45Hz/75Hz/100Hz/150Hz

CMRR 105dB

iECG complete data analysis function

