# NIVIQURE MOBILE ECG MODULE – MODEL B2

NIVIQURE Mobile ECG Module, Model: B2 is a Solid state, 6-lead, digital, stand-alone recording system designed to acquire, analyze and store ECG data over long hours. This data is acquired and stored in removable micro-SD memory card for later downloading and analysis. The system is compact and battery operated and hence portable. On-line viewing on a small mobile / Tablet screen shows Leads I and II; Replay of this data shows Limb electrode ECG signals (Leads I, II, III, aVr, aVl, and aVf). The data transfer between the ECG module and the Android mobile / Tablet is through Blue-tooth link.

The data can be saved in the mobile handset / Tablet. Additionally, Off-line ECG data acquisition is possible at high sampling rate (up to 1000 samples per second per channel) for research studies like HRV (Heart Rate Variability), FFT, Histogram analysis, etc.

The saved data / file can immediately be transferred through email to any destination. This would be of distinct advantage for linking to central cloud management system for Cloud-based medical management and support.

The saved files / data is stored in micro-SD card for easy transfer to a computer system. Niviqure also provides Windows based Software for off-line retrieval and analysis.Off-line ECG viewing on the computer monitor screen includes multi-lead ECG viewing, beat-to-beat analysis / detection (Heart Rate). Off-line beat matching through the use of morphological comparison is possible.

On-line viewing on Mobile / Tablet:
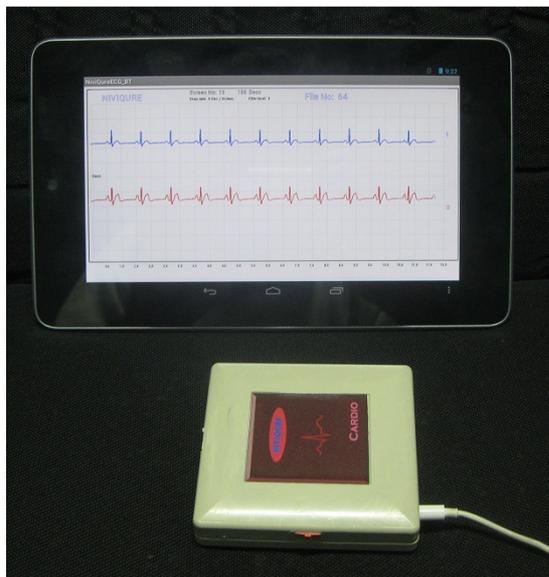
The Limb Electrode terminals are suitable for either disposable electrode usage or for clipping to clamp electrodes.

Off-line viewing on Mobile / Tablet:

Off-line viewing on Computer system after data transfer:

Off-line Time domain and Frequency Analysis: