Abstract

This paper describes the collection of ECG signal using three lead set-up and further removal of noise with filtrations. Being low frequency signals, the ECG facilitate the filtration of most of the high frequency noise. The circuit, for collection of signals and removal of noise, can be controlled and supervised from any remote location using web publishing tool, available in
LabVIEW. Interface of hardware and software is carried out by making use of NI ELVIS kit.

Reference

- Li, S., & Khan, A. A. (2004). Developing digital measurement and analysis laboratory in circuits and electronics lab at TAMUK. Proceedings of the 2004 American Society for Engineering Education Annual Conference & Exposition, Salt Lake City, Utah

Index Terms

Computer Science  
Signal Processing

Key words

ECG  ELVIS  Filtering.