

Non-contact and Non-Intrusive Continuous Monitoring Platform

Abstract

This invention relates to a system and method for monitoring a patient. The method comprises obtaining thermal images from a thermal sensor; obtaining respiratory rate and heart rate measurement from an ultra-wideband (UWB) sensor; analysing the thermal images to determine presence of patient on a bed, temperature and activity intensity; and in response to determining presence of patient on the bed and the activity intensity is below a certain threshold, record the temperature, respiratory rate and heart rate.

Figure 1 to accompany to abstract