

VITAL SIGNS MONITORING METHOD, DEVICES RELATED THERETO AND COMPUTER-READABLE STORAGE MEDIUM

ABSTRACT

5 Embodiments of the present application disclose a vital signs monitoring method, devices
related thereto, and a computer-readable storage medium. The method is applied to a vital signs
monitoring device which includes an image acquisition unit, a feature extraction unit, and a
processing unit connected in sequence. The method may include the steps of: acquiring, through
the image acquisition unit, a first face image which is at least one frame of breathe-in-breathe-
10 out actions of a user; processing the first face image through the feature extraction unit to obtain
vital signs data of the user; and processing the vital signs data of the user through the processing
unit to obtain health conditions of the user. Implementation of the application can conveniently
measure vital signs of the user without special monitoring devices, which is convenient for the
user to know their own health conditions in real time and can prevent occurrence of sudden
15 diseases to a certain extent.

Fig. 2 for publication.