

ABSTRACT

A DUAL OPTICAL PATH SENSOR MODULE

5 The present invention discloses a dual optical path sensor module for collect human physiological signals based on photoplethysmography. The module includes a base, and a photoelectric receiver and two light source modules mounted on the base. The two light source modules are symmetrically disposed on two sides of the photoelectric receiver, and each light source module includes light sources with at least two wavelengths. A light
10 shielding portion is further disposed on the base, the light shielding portion surrounds the photoelectric receiver, and there is an opening at the top of the light shielding portion, so that light emitted from the light source is received by the photoelectric receiver after the light is diffusely reflected by the human body tissue.

15 (FIG. 1)

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