

Products

– Security & Sensors

HRS325-C1

Heart Rate and Respiration Sensor



Description

HRS325-C1 is an intelligent vital sign monitoring sensor that can monitor respiratory rate, heart rate, and movement of people lying (or sitting). You can install it in bedrooms, living rooms, and other places to monitor the physical signs of the elderly in real-time.

Main Features

- LTE 4G Cat1
- Non-contact measurement
- Not affected by the intensity of ambient light, can perform long-term uninterrupted monitoring
- Able to penetrate clothing, bedding, down jackets and other light materials
- Real-time measurement of heart rate, respiration rate, body movement range, in/out of bed, distance between device and human body
- Able to analyze sleep quality
- Light weight, low power consumption, low radiation, no harm to human body, easy to install

Main Specifications

Internet Information	
Frequency Band Information	• LTE-FDD B1/3/5/8 • LTE-TDD B34/38/39/40/41(140MHz)
Network Transfer Rate	• LTE-FDD: up to 10Mbps (uplink)/5Mbps (downlink) • LTE-TDD: up to 8.96Mbps (uplink)/3.1Mbps (downlink)
Physical Specifications	
Detection Technology	• 60GHz Millimeter Wave
Power Parameters	• USB-C • Working voltage: DC 5V • Average operating current: 200mA • Maximum operating current: 2A • Power: < 10W
USB Line Length	• 2 m
Installation Requirements	• Height: 1 m • Angle: 45°
Working Environment	• Temperature: -10 °C ~+50 °C • Humidity: ≤ 90% non-condensing
Equipment Size	• Diameter: 78 mm
Installation Method	• Wall-mounted
Weight	• Host (including bracket): 96.1g • Bracket: 43.2g