

Products

– Security & Sensors

HRS335-
W-TY

Heart Rate and Respiration Sensor

WiFi

tuya



Description

HRS335-W-TY is an intelligent vital sign monitoring sensor that can monitor respiratory rate, heart rate, and body movement. You can install it in bedrooms, living rooms, and other places to monitor the physical signs of the elderly in real-time.

Main Features

- Tuya compliant
- Non-contact measurement
- Not affected by lighting environment, providing long-term continuous monitoring
- Able to penetrate clothing, bedding, down jackets and other thin barrier
- Real-time measurement of heart rate, respiration rate, body movement range, in bed/out of bed state, distance between device and human body
- Light weight, low power consumption, low radiation, no harm to human body, easy to install
- Only perform dynamic data collecting without invading privacy
- Only works on one person

Main Specifications

Wireless Connectivity	
Wi-Fi	• 802.11b/g/n @2.4GHz
BLE	• Bluetooth 5.2 Low Energy
RF Characteristics	• Operating frequency: 2.4GHz • Internal antenna
Physical Specifications	
Detection Technology	• 60GHz Millimeter Wave
Power Parameters	• USB-C • Working voltage: DC 5V • Average operating current: 200mA • Maximum operating current: 1A • Power: < 5W
USB Line Length	• 2 m
Installation Requirements	• Height: 1 m • Angle: 25°~35°
Working Environment	• Temperature: -20 °C ~+60 °C • Humidity: ≤ 90% non-condensing
Equipment Size	• 85(L) x 85(W) x 27(H) mm
Installation Method	• Wall-mounted
Weight	• Total (including bracket): 121g • Bracket: 32g