



Respiration Rate



Fall Detection



Contactless

Vital Sign Monitoring



Continuous Health Monitoring Service

- Simultaneous measurement of multiple vital signs (eg. heart rate, respiration rate, movement, fall)
- · Available on Wi-Fi scope covering the area
- Customized healthcare service (Device + Platform)







Stress Relief of Staff

Sensor support to prevent and minimize potential risks





Individualized Care Service

User's vital sign analysis and abnormalities supported by the A.I. algorithm engine



Convenient Installation and Portability 24/7 health monitoring with convenient

24/7 health monitoring with convenient installation



Contactless Remote Monitoring Remote Wireless Care Service without inconvenience in wearing between service staff



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Contactless





- 1) Radar Sensor
- Measuring and transferring Biosignal data
- Heart rate / Respiratory rate / Body temperature
- Movement / Occupancy / Fall
- 2) Wireless Gateway (AP)

3) Cloud Server

- Judgement Algorithm (Software)
- A.I. Judgement Cloud Server System

4) Platform

- Automatic emergency alarm transmission
- Between the user and registered guardians



Wall / Ceiling / Furniture installation radar sensor

- Monitors the user's heart rate and respiratory rate at a distance up to 2m and 5m, respectively
- Connected to gateway using IoT network solutions such as Wi-Fi and Zigbee

Sensor Technology	Micro Doppler Processing
Frequency	24GHz (24.050 ~ 24.250)
Coverage Angle	Horizontal: 80°, Vertical: 35°
Coverage Distance	1~5m (Heart: 2m, Respiratory: 5m, Movement: 7m)
Supply Power	DC 9V
Power Consumption	300mA
Interface	Wi-Fi, Zigbee (USB to UART / optional)

Technical features of product



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