

It can smartly record respiration rate, heart rate, and AHI (apnea-hypopnea index) and generate health reports. It will alert you in case of any abnormalities in heart rate or respiration rate.



LifeWise

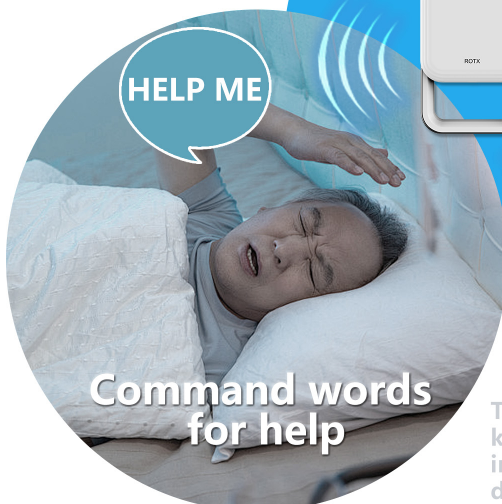
Smart BioRadar Sleep & Vital Signs Monitor



ROTX



It can automatically dial family members in case of apnea or abnormal heart rate. Family members can also call the radar phone to check on the elderly in real-time.

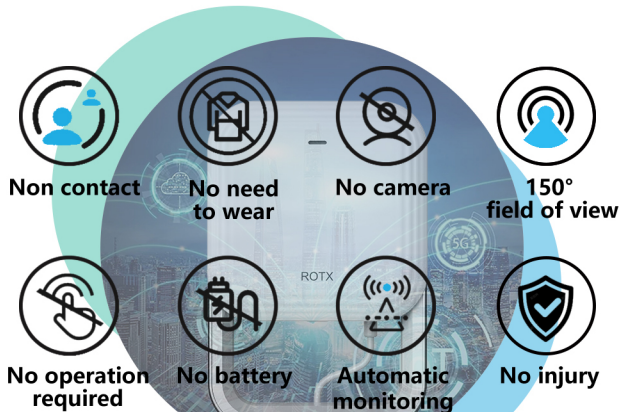


It monitors deep sleep, light sleep, REM cycles, sleep onset and awakening, and body movements to analyze sleep quality and infer the physical condition of the elderly. It can detect potential issues like sleep apnea, poor sleep quality, and frequent waking.

The guardian device can recognize keywords like "help me" for SOS calls in case of emergencies like physical discomfort.



01 Product features



03 Technical specifications

02 Product advantage



Precise Analysis

4D mmWave radar RF imaging with 46 MIMO antennas (22Rx, 24Tx), far surpassing industry standards (7 antennas, 3Tx, 4Rx) for more accurate data monitoring.



Multi-functional Integration

Real-time monitoring of breathing rate, heart rate, sleep quality, bed occupancy, command words for help, and two-way voice communication. Comprehensive and industry-leading.



Easy to Use

Automatic monitoring with no manual operation. Supports 4G/WiFi communication and binds to devices via APP, mini-programs, and webpages. Receive alerts on all platforms.

FUNCTION	INDEX
INPUT VOLTAGE	Input AC100V-240V
Working voltage	DC12V
Working current	2A
Positioning chip	high sensitivity chipset built-in
RF chip	Integrated high-performance DSP digital signal processor
Detection distance	<10m
Launch distance	<10m
Communication method	4G NETWORK/Wi-Fi
Voice calls	support two-way calls
Alarm method	APP alarm or management platform alarm
Installation method	Wall mounted (1.5m height) or standing on the desktop
Covering	16 square meters
Continuous monitoring time	7 * 24 hours
The maximum distance for human body induction	>=5m
Maximum distance for motion sensing	>=3m
Communication frequency band	FDD-LTE TDD-LTE
Imaging sensing module	4D millimeter wave imaging, 60GHz
high resolution	Strong adaptability to the environment, unaffected by light, water vapor, smoke, etc
Covering	4x4 meter area with a field of view angle of 150 °
Functional characteristics	respiratory and heart rate detection, sleep quality analysis
Working humidity	up to 95%



Shenzhen Rontex Technology Co., Ltd

Floor 17, Phase 2, Overseas Chinese Scholars Venture Building, No. 46, Gao Xin Nan Huan Road, Gao Xin Community, Yue Hai Street, Nan Shan District, Shenzhen, Guangdong, China

0755-86527901 www.gnaiot.com sales@gnaiot.com

