
Based on Internet Of Things

Sleep Sensor Device

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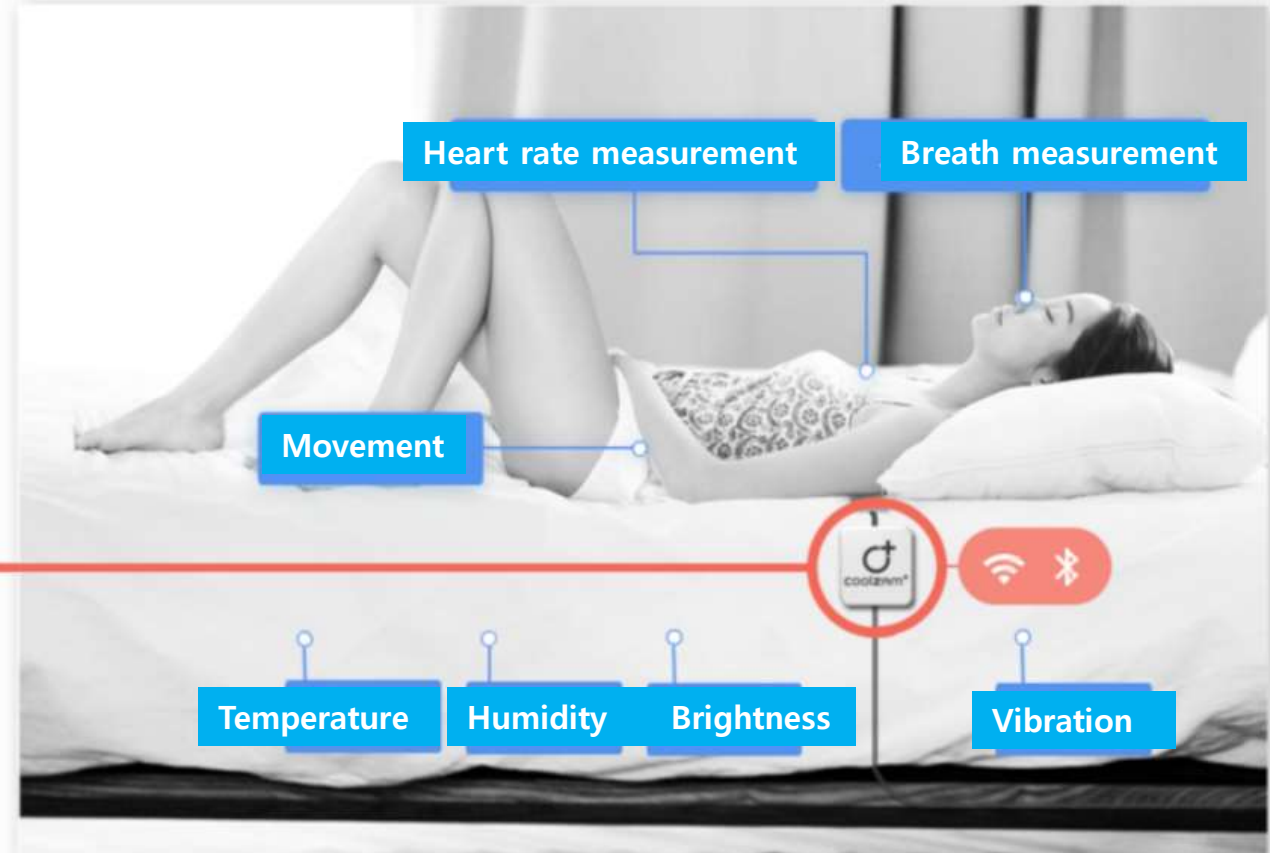
Sleep Sensor?

- The sensors installed in the slip sensor measure, collect, and analyze data to systematically manage sleep conditions and information
- Helps you to get a more comfortable sleep by dataizing your sleep
- Located above and below the bed mattress



Installed in bed

불편함없이, 자연스럽게 생체신호를 측정



Sleep Sensor Specification



SPEC

- Product : Main body, Sensor band (81.28 * 3.81 * 0.1524cm)
- Sensor : Pressure / Vibration sensor, Temperature sensor, Humidity sensor, Illumination sensor
- Communication method : Bluetooth
- Measurement method : Automatic measurement during sleep
- Operation method : Android, ios
- Power : USB type

APP

- Smart alarm , Providing sleep status information(Daily / weekly / Monthly graph)
 - Heart rate, breathing, sleep apnea, snoring, movement, sleep stage, sleep efficiency
- Sleep coaching system
- Home IOT Service
 - Smart device interworking
- Remote management of parents and children



측정된 데이터를
체계적으로 제시

측정된 데이터에 대한
맞춤 수준 조절 시스템

부모님 및 자녀의
원격 관리 가능

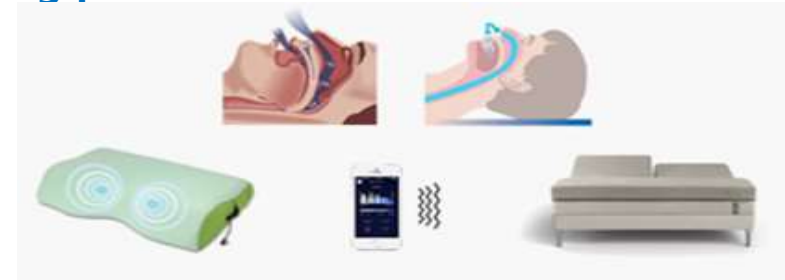
Application

- Analyze sleep patterns to suggest optimal sleep times
- Graph results through Application



Device interlock

- Solving Snoring Apnea :
- Interlocking with electric beds, smart pillows, etc.
Snoring protector



Device interlock

- After checking / analysis through temperature, humidity and illuminance sensor, interlock with IoT smart air conditioner, TV, blind, lighting, temperature controller, humidifier



Device interlock

- Insomnia improvement :
- Interlocking music products to help you sleep



2. App Integration Service



Sleep result summary



Sleep result summary



Hypnogram

Service function _ interlocking smart home appliances

3. Smart product Integration Service

1. before sleeping



2. During sleep
(After falling asleep)



3. When you wake up



1. Light OFF
2. Curtain closed
3. TV OFF
4. humidifier ON
5. Sleep Sensor ON
6. Wake up notification