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mmWave[®]

RADAR SENSING

Touchless & Non-Invasive Technologies

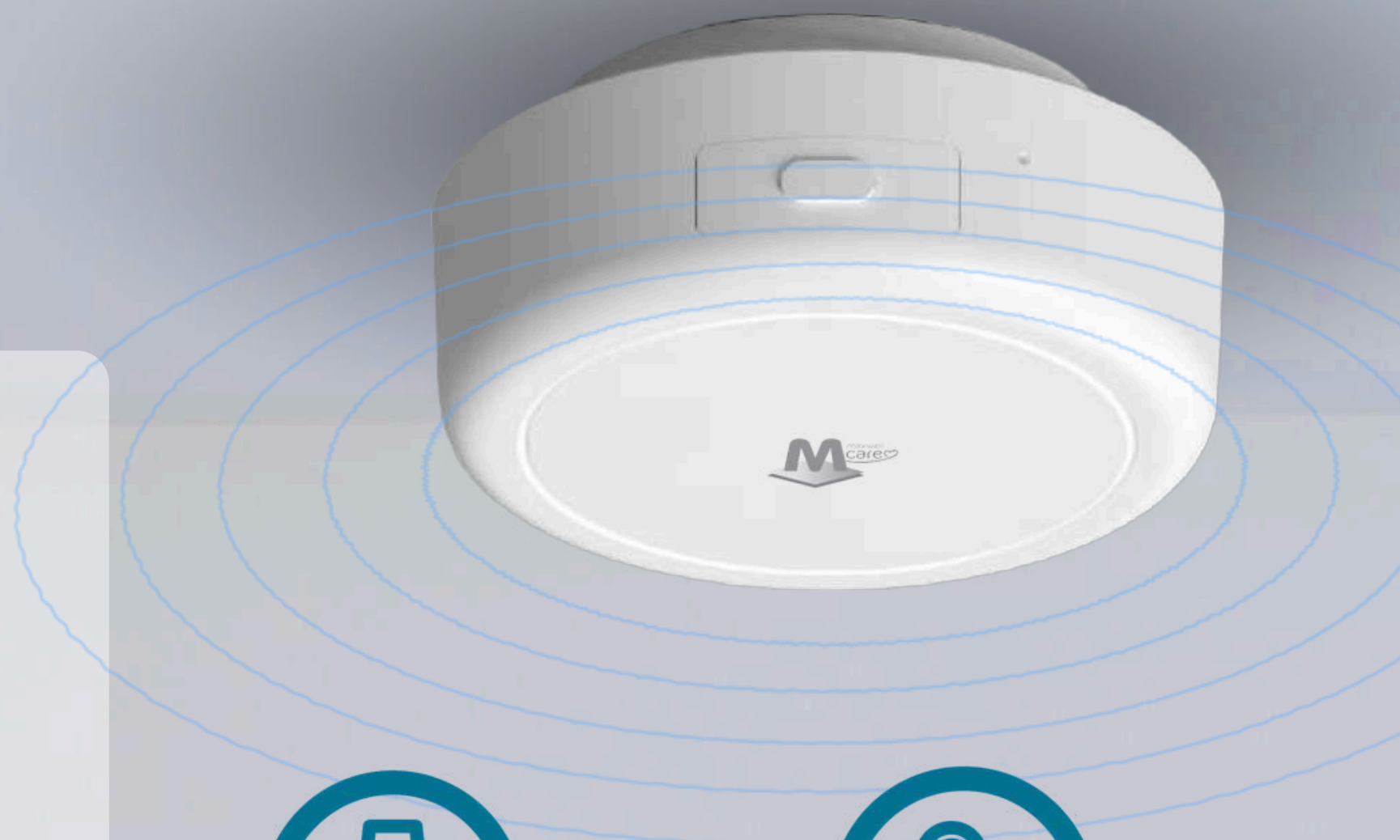


mmWave Radar Sensing

Touchless and Proactive Solution

With **mmWave Radar technology**, detect the movement of various objects while ensuring **high accuracy and protecting privacy**.

We are delighted that Maxwell Care's 2nd generation mmWave-radar sensor is released globally. It is the world's first one to merge multifunctional features in a radar, so this advanced solution is highly cost-effective in care sector.



No camera to protect privacy



Non-wearable and pendant



No need to press button



No need to charge the battery



Penetrate water vapor , fog , smoke to detect presence



24 / 7 instant detection

Multifunctional Features merged in one Radar

Comprehensive surveillance capabilities



การตรวจจับการล้ม

Fall Detection and Time on Floor



การลุกจากเตียง

Imminent Bed Exits



การเข้าห้องน้ำ

Bathroom & Toilet Visits and Times



การตรวจจับการอยู่ในห้อง

Room Presence / Occupancy



เวลาในการใช้เตียง

In / Out of Bed and Time in Bed



อัตราการหายใจ/หัวใจ

Respiratory / Heart Rate



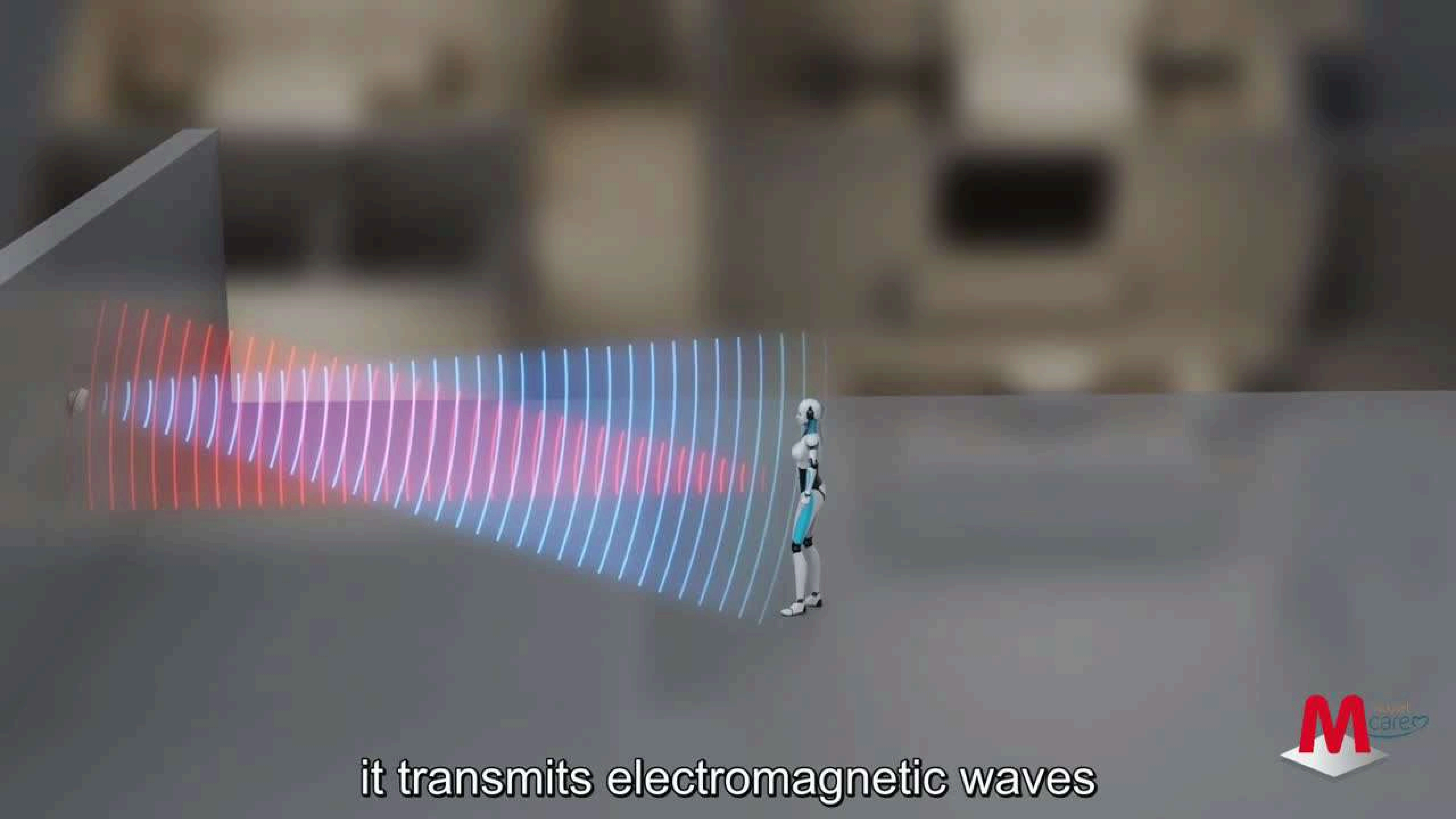
การลุกเดินในเวลากลางคืน

Night-time / Nocturnal Wandering



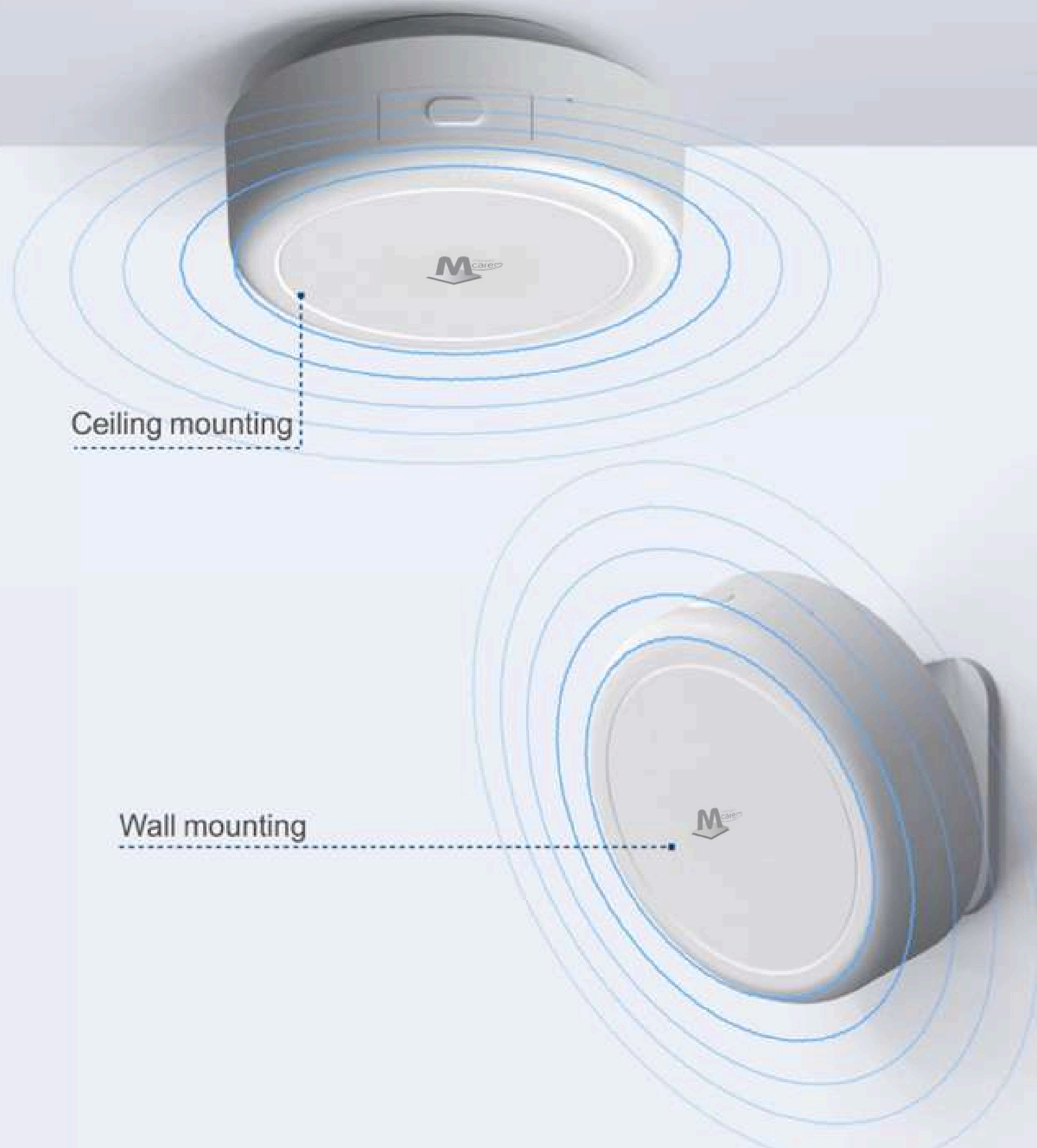
คุณภาพการนอนหลับ

Sleep Quality



it transmits electromagnetic waves





Radar chipset	4Tx/4Rx
Communication	2.4GHz Wifi
Two-way voice calling	VoIP via Wifi
Fall Detection Range (Max)	Wall & Ceiling at 4x6M
Heart Rate/Respiratory Rate Detection Range (Max)	3.5M
Installation Height	Wall: 1.5-2.2M Ceiling: 2.0-3.0M
Communication protocol	TCP/SDK integration
Waterproof	IP65
System power	5V 2A, 4.3W

Data-Driven and Person-Centred solutions based on AI & ML to Ecosystem Partners provide predictive and preventive analysis report

The rich data accumulated is driving the engagement by not only the relatives, doctor, hospital.rehabilitation care centers, aged care communities and care providers, but also nursing call companies, insurance companies, pharmacy enterprises, etc.



Nursing Home



Care Provider



Hospital and Rehabilitation Centers



Resident Home Care

Thank you



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บริษัท แมกซ์เวลล์ อินทิเกรชั่น จำกัด

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