

Falls detection with radar sensing technology providing real time alerts to carers

TEQ-FallsAlert, a passive monitoring system based on unique radar sensor technology with AI.

This ground-breaking radar sensor offers unique real time falls detection and presence detection across multiple occupants in a room.

TEQ-FallsAlert is designed to monitor, record, and log activity in a room, and then notify when a fall occurs. TEQ-FallsAlert is connected in real-time to the SOFIHUB cloud portal, reporting all alerts in the form of SMS notifications to caregivers.

TEQ-FallsAlert



No camera to protect privacy



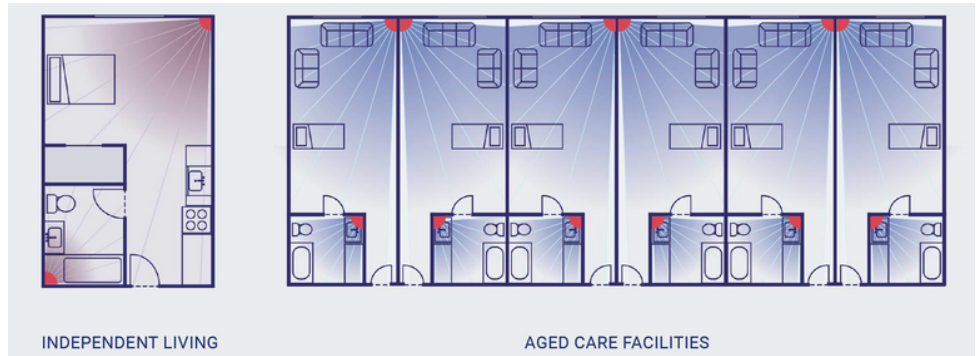
Non-wearable and pendant



No need to press button

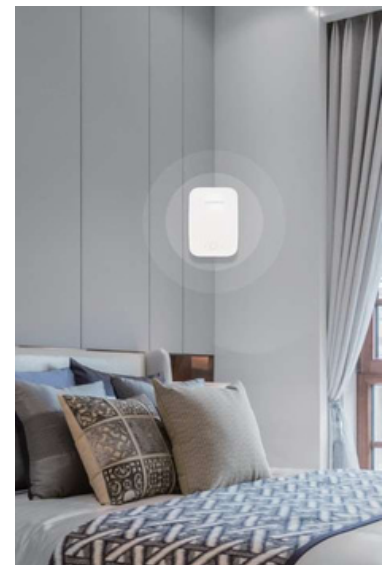


Round-the-clock fall detection



SPECIFICATIONS

Radar type	Frequency Modulated Continuous Wave
Frequency band	60GHz (FCC certified)
Detection range	Up to 7m/23ft.
Effective field of view (horizontal)	within $\pm 45^\circ$
Target speed range	within $\pm 5\text{m/s}$
System power	5V DC 2A
Operating temperature	-10-70°C/14-122°F
External dimension of the unit	148x105x24mm / 5.8x4.1x0.9in
Weight of the unit (approx.)	260g /9.2oz
Waterproof	IP54
Communication protocol	TCP/SDK
Network connection	Wi-Fi
Installation height	1.4m or 2.2m / 4.5 ft. or 7.2ft.



	TEQ-FallsAlert	Traditional Falls Detection
Fully automatic	✓	✗
Real time monitoring	✓	✗
Contactless	✓	✗
No cameras	✓	✗
Automatic alerts	✓	✓
Multi occupancy alert	✓	✗

