



SILVER SHIELD

Intelligent Monitoring for Safer, Smarter Care



THE SILVER SHIELD MODULE

Welcome to the future of intelligent care monitoring with Pontosense's Silver Shield, a comprehensive solution for any care setting. By combining cutting-edge 60 GHz mmWave RADAR with advanced AI, Silver Shield delivers continuous, intelligent sensing wherever care is delivered.

Whether it's detecting subtle changes in motion, tracking daily routines, or alerting caregivers to unusual activity, Silver Shield goes beyond fall detection. It creates a real-time understanding of the environment, empowering families and care teams to support safety, promote independence, and provide peace of mind.

Designed to be completely contactless, Silver Shield protects privacy while monitoring the most personal spaces, including bedrooms, bathrooms, and living areas.

Installation is fast and unobtrusive. Simply mount the device in a corner and connect via the Pontosense Care App to receive activity updates, trend insights, and instant alerts. No wearables, no cameras, no disruption - just intelligent, invisible support.

Choose Silver Shield for a human-centric, dignified approach to care.

FEATURES-AT-A-GLANCE



Daily Activity Monitoring

Real-time occupancy detection, head counting, and multi-person motion tracking with bed exit alerts for caregiver notifications. Enhance safety with daily routine and mobility pattern insights.



Fall Detection

Silver Shield uses advanced motion analysis and AI algorithms to detect falls with high precision, identifying subtle changes in movement to trigger fast and dependable alerts.



Emergency Response

When triggered, the PERS system sends an automated text message to designated emergency contacts and escalation to call centres, adding a safety net to ensure help is on the way.



Wellness Trends & Insights

Support proactive care with intelligent monitoring and a clear timeline view that highlights changes in movement, room usage, and sleep patterns.



Professional Installation

Our team handles installation and configuration, so everything is live and connected without adding to your workload.



Privacy-First Technology

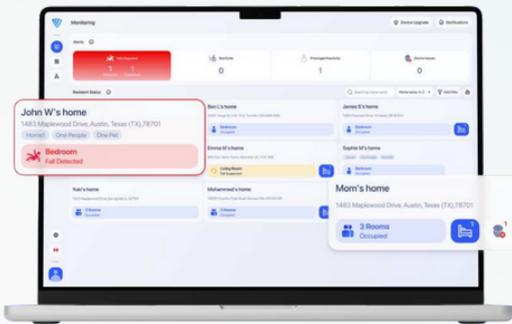
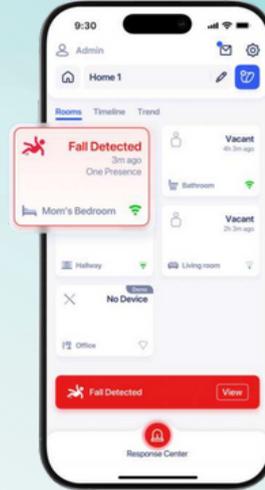
Ambient sensing upholds privacy in the most private spaces, like bedrooms and bathrooms. No cameras, microphones, or wearables needed.



PONTOSENSE CARE APP

Features

- Live location tracking and instant fall alerts
- Notifications for unexpected bed exits and emergency events
- Timeline view and history logs for daily activity insights
- Multi-room monitoring and easy sensor management
- Fast, step-by-step installation process
- Privacy-first design with no cameras, microphones, or wearables

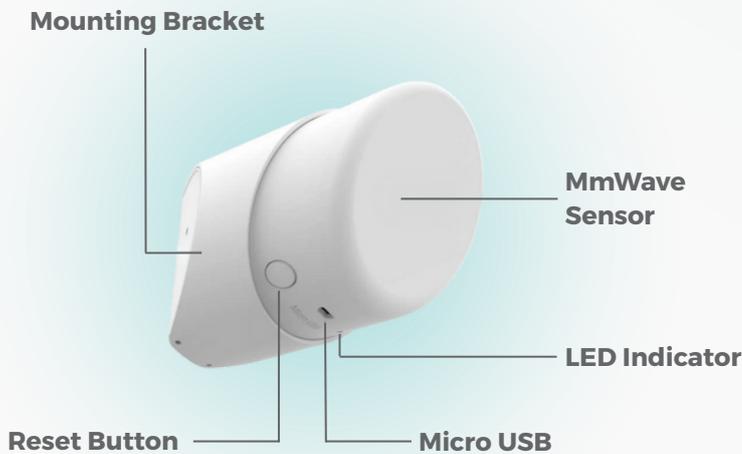


PARTNER PORTAL

Features

- Centralised dashboard shows live fall and bed exit alerts across all homes
- Add and manage users and home assignments from one platform
- Remotely monitor and troubleshoot device performance

DEVICE DIAGRAM



SPECIFICATIONS

Dimensions & Mounting

- Device Size: 106 × 68 × 78 mm
- Box Size: 90 × 164 × 164 mm
- Mounting Options:
 - Adhesive: 3M Double-Sided Tape
 - Screw: M4 × 30 mm Flathead
 - Screw Anchor: 6 mm × 30 mm

Radar Technology

- Sensor Type: mmWave RADAR
- Radar Frequency: 60 GHz
- Field of View: 120° Horizontal × 60° Vertical
- Coverage Area: 6 m × 6 m

Connectivity

- Wireless: Wi-Fi IEEE 802.11 b/g/n (2.4 GHz)
- Port: Micro USB
- Cable: Micro USB to USB 2.0

Power & Indicators

- Input Power: 5V - 500mA
- LED Indicator: RGB

Environmental Conditions

- Operating Temperature: 5°C to 40°C
- Humidity Range: 5%-85% (non-condensing)

PACKAGING CONTENTS

- | | |
|--------------------------|------------------------------|
| 1 × Silver Shield Module | 10 × Cable Clips |
| 1 × Mounting Bracket | 6 × Adhesive Tape |
| 1 × Power Adapter | 2 × Screws & Drywall Anchors |
| 1 × 6m Power Cable | 1 × Alcohol Wipe |
| 1 × Quick Start Guide | 1 × Measuring Tape |