

[DATA SHEET](#)

# SILVER SHIELD

Intelligent Home Monitoring for Senior Safety & Care



## THE SILVER SHIELD MODULE

Welcome to the future of holistic aging-in-place care with Pontosense's Silver Shield, a comprehensive home monitoring solution. By combining cutting-edge 60 GHz mmWave RADAR with advanced AI, Silver Shield delivers continuous, intelligent sensing across the home.

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, independence, and peace of mind for aging loved ones.

Designed to be completely contactless, Silver Shield protects privacy while monitoring the most personal spaces of the home, 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 for aging at home.

Choose Silver Shield for a human-centric, dignified approach to elder 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 centers, adding a safety net to ensure help is on the way.



### AI-Powered Wellness Insights

Empower proactive care with our AI-powered Weekly Wellness Report, delivering clear insights into resident activity patterns. Instantly spot trends and review timelines with intuitive at-a-glance views.



### Easy Set-Up

Install the device in less than 5 minutes using the step-by-step guide in our app: simply plug in the device and follow a few simple steps to get started.



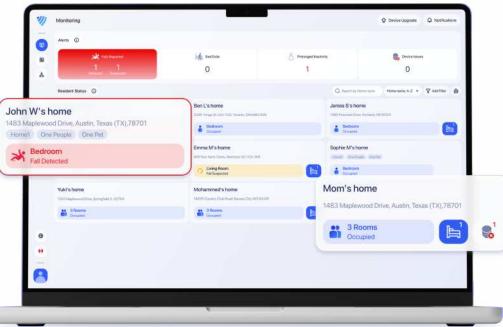
### Privacy-First Technology

Ambient sensing upholds privacy in the most private home 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
- ✓ AI Weekly Wellness Report for consolidated 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

- ✓ Centralized 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           |

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**SUPPORT** | Email: [support@pontose.com](mailto:support@pontose.com)

