

CareSense – AI fall prevention & detection sensor

Art.: ERTH0986P

Art.: ERTH0986W



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Description

What is CareSense?

CareSense is an AI-driven sensor designed to enhance patient safety and care in healthcare settings. It offers key features like detecting falls, monitoring activity, tracking patient presence, and sending customizable alerts. This enables rapid responses in emergencies, such as immediate fall detection, and ensures real-time insights into patient status, helping caregivers provide personalized care and minimize risks. With CareSense, patients maintain independence while receiving enhanced safety and support.

Features

- Detection of patient/resident absence.
- Detection of falls.
- Detection of patient activity.
- Custom alerts.

Benefits

- **Fall detection:** Rapid response is enabled by immediate alarms that are triggered when a patient falls or is detected on the ground. This minimizes injury and ensures patients receive fast, critical care during emergencies.
- **Patient Presence Detection:** The system can be configured to send alerts if a patient is absent from their bed or room, allowing for prompt action to manage room occupancy and ensure patient safety.
- **Rapid Response:** Immediate alarms are triggered when a patient falls or is detected on the ground, allowing for a rapid response to minimize injury and ensuring quick, critical care during emergencies.
- **Real-Time Insights:** Provides real-time insights into patient status, helping caregivers anticipate needs and prevent accidents before they happen.
- **Customizable Alerts:** Tailors alerts to each patient's requirements, improving response accuracy and ensuring personalized care. Alerts are integrated into NurseCall system and displayed via customer preferences, such as phone (inurse) or NurseTab.

Best Settings

- Hospitals / Clinics.
- Nursing Homes.
- Post-Operative Care.
- Assisted Living Facilities.

Technical specification

Sensing Technology

- Optical Sensor: Advanced optical sensing technology for fall detection
- Field of view: Horizontal: 180°; Vertical: 180°
- Sensing range: Up to 5 meters
- Detection method: Movement detection

Power

- POE version: DC 12.0V=1A, <12W/ PoE (IEEE 802.3af), 48V Active
- Wi-Fi version: DC 12.0V=1A, <12W

Software Features

- Real-time notifications: Alerts sent to paired mobile devices or emergency contacts
- Protocols & standards: HTTPS, TCP/IP, UDP, IPv4

Material

- Plastic housing

Operating Conditions

- Operating Temperature: +5°C to +40°C
- Operating Humidity: 85%, non-condensing

Disclaimer

The CareSense is a safety device designed to prevent falls (when a person gets out of bed) and to detect falls (when a person is lying on the ground), prioritizing patient safety and data privacy in compliance with GDPR.

Compliant and tested with CE certification requirements.

Designed according to DIN VDE 0834 requirements.

*Disclaimer: All product specifications, including dimensions, weight, features, and performance, are subject to change. To ensure accuracy, please verify all details before purchase.