

Autonomous wireless controller for NurseCare system with Dementia function for outdoor usage

Art.: ERTW0037-1



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Description

What is an Autonomous wireless controller for NurseCare system with Dementia function for outdoor usage?

Autonomous wireless controller for NurseCare system with Dementia function for outdoor usage is controller designed to help monitor the movement of individuals with dementia. It detects signals (from a wireless wristband transmitter) and alerts caregivers when the wearer moves

beyond a designated safe area, allowing them to quickly check on the wearer and ensure their safety. The device works autonomously as a stand-alone unit, designed for outdoor usage, ensuring reliable performance in various weather conditions.

Features

- **Signal Detection and Alert System:** The controller detects signals from a wireless wristband transmitter and sends alerts to caregivers when the wearer moves beyond a designated safe area.
- **Autonomous Stand-Alone Functionality:** The device operates independently as a standalone unit.
- **Durability for Outdoor Usage:** The controller is designed to withstand outdoor conditions.
- **Adjustable Detection Range:** The detection range can be customized to suit specific needs, allowing caregivers to set the boundaries according to the environment.

Benefits

- **Improved Safety and Monitoring:** Enables caregivers to quickly respond and check on the wearer if they wander outside the safe zone, ensuring timely intervention and reducing the risk of accidents.
- **Ease of Use and Convenience:** Caregivers can rely on the device to continuously monitor the wearer's movement without the need for active supervision, making it a hassle-free solution for maintaining safety.
- **Freedom for the Wearer:** The device allows the wearer to move more freely without direct, constant supervision, while still maintaining safety through automated alerts, offering greater independence and comfort.
- **Reliable Performance Even Outside:** The device's durability ensures consistent and dependable performance outdoors.
- **Tailored Safety Zones:** The adjustable detection range enables caregivers to customize the boundaries based on the environment, ensuring a safer and more personalized experience for the wearer.

Technical specification

Network

- WiFi 802.11b/g/n:
 - Transmission Power: 100mW
- Bluetooth:
 - Version: 4.0
 - Transmission Power: 10mW (Class 2)
 - Range: Up to 10 meters (Class 2)
 - Frequency Range: 2.4 GHz ISM Band (2.402 GHz - 2.480 GHz Utilized)
- Ethernet (PoE)

Power supply

- 24V, 1A Power Supply
- Or PoE (passive 24V)

Dimensions

- W:220mm / H:220mm / D:108mm*

Weight (Net)

- 1000g*

Material

- ASA+PC (UL 94 V-0)
- Waterproof membrane keypad and housing

Operating Conditions

- Operating Temperature: +5°C to +55°C

Other

- Antenna with specially directed coverage.
- Location functionality (tracks and displays which antenna is transmitting data in real-time).
- Possibility of integration with other sensors.

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- Possibility of wired and wireless connection to nurse call system elements.
 - Installation on wall or ceiling.

Compliant and tested with CE certification requirements.

Compliant and tested with DIN VDE 0834 requirements.

*Disclaimer: Product dimensions and weight are subject to change. Please verify details before purchase.