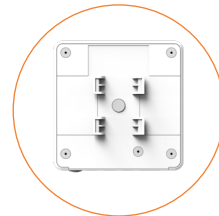


Products

– Security & Sensors

FDS315-H-Z

Fall Detection Sensor



Description

FDS315-H-Z Fall Detection Sensor identifies falls instantly, enabling immediate risk alerts. This bathroom-specific model features algorithm optimizations tailored to bathroom environments. It is suitable for senior care facilities, institutional care centers, home elderly care and other related scenarios.

Main Features

- ZigBee 3.0
- Fall detection (only works on single player), detect human presence and active position
- Detectable range adjustable
- Fall sensitivity configurable
- Supports status history review and status duration display
- Supports toilet location configuration to enhance detection accuracy in bathroom environments.
- Supports multiple installation methods, including ceiling mounting and high-level mounting.

Main Specifications

Connectivity	
ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee 3.0
RF Characteristics	• Operating frequency: 2.4GHz • Internal PCB Antenna • Range outdoor: 100m (Open area)
Physical Specifications	
Operating Voltage	• Micro-USB • Cable length: 2.5 m
Detector	• 60GHz Radar
Detection Range	• Fall: 4*4m
Detection time	• Falling: ≤ 15s
Presence Detection Cooldown Time	• 2–12 minutes
Installation Requirements	• Height: 2~3m • Angle: 45°
Operating environment	• Temperature: -10 °C~+50 °C • Humidity: ≤ 90% non-condensing
Dimension	• 86(L) x 86(W) x 37(H) mm
Mounting Type	• High mounting or ceiling mounting
Weight	• Main unit (including wall mount bracket): 128 g • Bracket: 13 g