

FS-mmW-3 mmWave Fall Sensor

Innovational Fall Detection to Protect Loved Ones



Climax's FS-mmW-3 mmWave Fall Sensor is a millimeter-wave (mmWave) Technology fall detection sensors, which allows users to configure the sensitivity level by dip switch or remote control. FS-mmW-3 mmWave Fall Sensor also comes with even higher accuracy than its predecessor when detecting falling motions by determining the people's distance range, velocity and angle of fall arrival with more precision.

MmWave Technology is powered by its advanced radar-based presence detection algorithm, which can accurately detect human movement, capturing even subtle human movements. Climax's FS-mmW-3 mmWave Fall Sensor also provides high quality in challenging indoor environment, including in darkness. Moreover, it is enhanced with pet immunity, eliminating blind spot to minimize false alarm situation.

This sensor is suitable for various types of people, such as the elders or disabled people. Recommended installed locations include nursing homes, hospitals, homes or community facility areas. Climax's FS-mmW-3 mmWave Fall Sensor can be installed in corners of each frequently visited place such as bathroom, bedroom, kitchens or many areas where people may easily fall down, therefore ensuring accidents of the loved ones can be assisted at the earliest timing possible.



- Control sensitivity level remotely or via dip switch
- Enhanced accuracy of fall detection
- Pet immunity function



FS-mmW-3 mmWave Fall Sensor



■ Support for detection range up to 5 m x 5 m



■ Accurately detecting the movement of falling, suitable for application in various locations.

Features

- Control sensitivity level remotely or via dip switch
- Enhanced accuracy of fall detection
- Pet immunity function
- Corner-mounted
- Remote sensitivity setting
- Low battery detection
- IPX4 waterproof protection
- IR lense for power saving
- LED indicator
- Support for supervision signal

Specifications

Frequency	433 MHz / 868 MHz / 869 MHz
mmWave RF Frequency	60 to 64 GHz
Power Source	AC Power 5V/2A
Backup Battery	Li-ion Polymer 3.8V/800mAH
Backup Life	3 days*
Mounting Options	Wall-mounted
Waterproof Protection	IPX4
Adaptive Detection Range	5 m x 5 m
Detection Angle	Right: 45° Left: 45° (total 90°)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	137 mm x 77 mm x 31 mm

* Note: Actual battery life may vary with product settings, operating environment, and usage patterns.