

WAIR Wandering Prevention Motion Sensor

An Enhancement to Caregiving



- Coverage Pattern: 1 x 0.8 meters
- Two Adjustable Sensitivity Levels
- Compact Design

WAIR is a PIR motion sensor designed to be installed above the door to detect movements in front of the door. Working in conjunction with Climax's wandering prevention solution, PWSR, WAIR has relatively narrow and specific coverage pattern, which makes it ideal for an application such as access control.

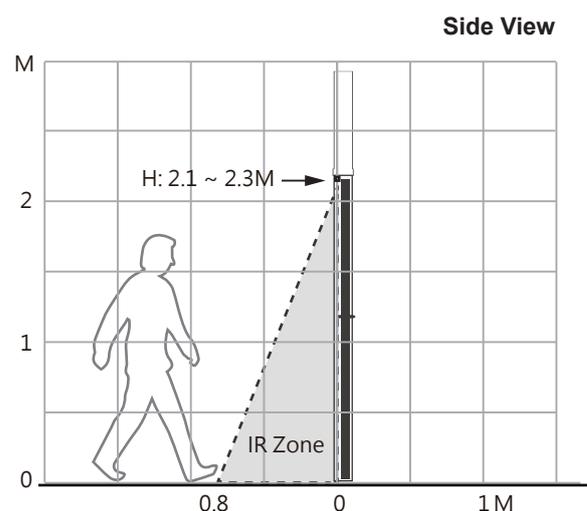
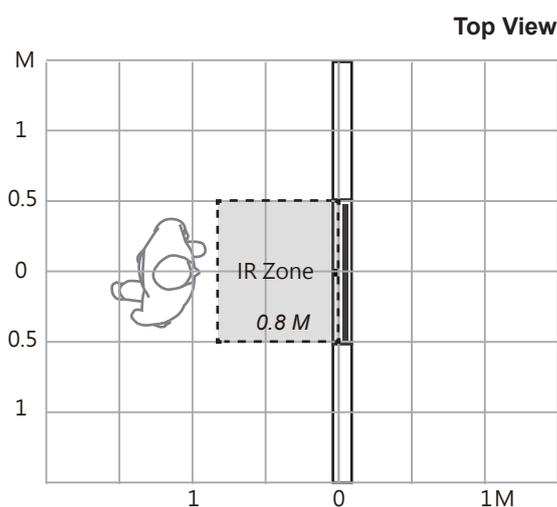
For example, in a nursing home, the door of a patient's room can be opened when both signals of WAIR and a nurse's geo pendant are received by the server connected to PWSR. This mechanism provides convenience while offering caregiving, and prevents the nuisance that all doors are opened when a nurse or a staff who has the access to all areas walks down the corridor.

With two adjustable sensitivity levels, WAIR offers convenience for usage. WAIR can be deployed at doorways, corridors, hallways and passages in hospitals, nursing homes, and senior care facilities.

Features

- Detects movements with passive infrared technology
- Compact design
- Two adjustable sensitivity levels (normal/high)
- Randomized supervision signals for system integrity
- Low battery detection
- Mounted on the door frame
- Coverage pattern: 1 x 0.8 meters
- Wireless for easy & flexible installation
- Tamper protection against unauthorized removal or sabotage

Detection Range



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Specifications

WAIR-F1

Frequency	869 MHz / 919 MHz
Power Source	3V, CR123 Lithium battery x 1
Battery Life	9 years*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	90 mm x 42 mm x 20 mm

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