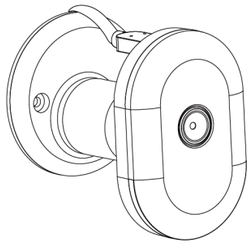
Occupancy Sensor

User's Manual



Package Contents

Occupancy sensor	x1
USB cable (1.5 m)	x1
Wall mount bracket	x1

Introduction

This Occupancy Sensor combined with CMOS technology overcomes the weaknesses of traditional PIRs in detecting immobile people, pets, and changes in ambient temperature.
It complies with HIPAA Privacy Rule & NICS adopts the activity analysis mode without image recording. There is no possibility of theft of physiological characteristics, face recognition and other information or leakage of private photos.

Application Diagram

Occupancy/Vacancy

- Open offices are not recommended for Occupancy Sensor because the space is wide.
- Private offices are ideal for one or multiple Occupancy Sensor to cover minor motion.

Application Diagram

Elderly Care

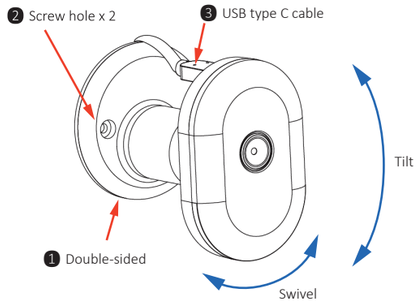
This Occupancy Sensor can provide home activities (as a Human Presence Sensor) for the elderly, making up for the lack of home activity data in the healthy aging plan. This provides accurate guidance for activities that strengthen exercise, activity frequency, activity time, activity location and other status record data.

Device Installation

Wall Mount Bracket

❶❷Place the Occupancy Sensor on a flat surface, or use the screws to secure wall mount bracket on a flat surface.

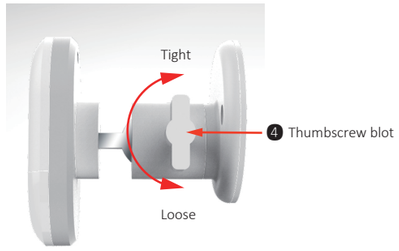
❸Connect the Occupancy Sensor to the USB power supply (5V, at least 1A) via the included USB-C cable.



Adjusting Viewing Angle

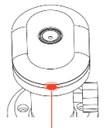
❹ Slightly loosen the thumbscrew bolt on the wall mount bracket to adjust the swivel/tilt angle of the Occupancy Sensor.

❹ Tighten the thumbscrew bolt.



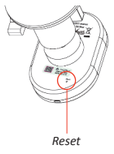
LED Indicator

LED Signal	Status
Off	Check the USB type C cable, or system power source
Slow green blinking	Power on, but not paired
Solid green	Matter is connected
Fast red blinking	Matter is disconnected
Slow red blinking	System Error
Solid red	Occupancy Detected



Button Function

Function	Operation
Reset	Press and hold the button for more than 6 seconds. The green LED will blink on successful reset. The sensor will restore to the factory default value and enter paring mode.



Specification

Power Supply	5 V / 1.5 A USB type C Port
Protocol	Matter
Operating Temperature	0~40°C
Ambient Light	>5 Lux
Mounting	Support standard tripod hole 1/4-20 (1/4" diameter, 20 threads per inch) Wall mounting: 1.5~2m (Height)
Dimension	77(H) x 51(W) x 16.2(D) mm

Compliance

FCC

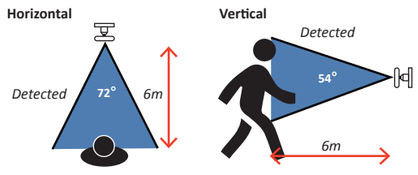
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

WEEE Information

For EU (European Union) member users: According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal.

Effective Detection Range

1. Effective detection range is marked with blue in the following two figures.
2. Please note the installing location. For example, if the installing height is 2m, you must keep clear within the arc radius of 50cm.



Placement Guideline

Wall Mount

Depending upon obstacles such as furniture or room layout, the area of coverage may be less or more than the sensing distances shown in the Effective Detection Range diagrams. This must be considered when planning the number of Occupancy Sensors and their placement. It is also recommended to place Occupancy Sensor at least 1.5M to 2M height from the floor plane.

Note: This Occupancy Sensor is not applicable for Ceiling-mount.