Smart Motion Sensor (ZigBee)

Datasheet

Product Introduction

The motion sensor uses a Fresnel lens to capture infrared light emitted by the human body, enabling it to detect movement in a specific area. It works well even in complete darkness. This sensor is energy-efficient, protects user privacy, and requires minimal data transmission. It can be installed in hidden locations for added security. It's ideal for homes, hotels, offices, and various places.

Features

- Accurate human motion detection
- Ideal for automated lighting and scenes
- Ultra-low power consumption with long battery life
- Easy installation with no wiring required
- Sleek, stylish design

Specification

- Model: MIR-IR100
- Detection range: 8 meters
- Detection angle: 90°
- Communication protocol: ZigBee 3.0
- Input voltage: 3V/DC
- Low voltage alert threshold: 2.7V ± 0.1V



- Standby current: $\leq 15 \mu A$
- Operating current: ≤25mA
- Battery life: Over 1 year (with 20 detections per day)
- Battery type: CR123A
- Operating temperature: -10 to 55°C
- Installation method: Wall-mounted
- Dimensions: Φ48.4 x 53.4 mm
- Certification: CE

Networking method

- 1. Open the device's back cover and remove the insulation strip to power it on.
- 2. Press and hold the reset button for about 5 seconds until the indicator light flashes rapidly, indicating it has entered pairing mode.
- 3. Add the device to the network via the gateway.

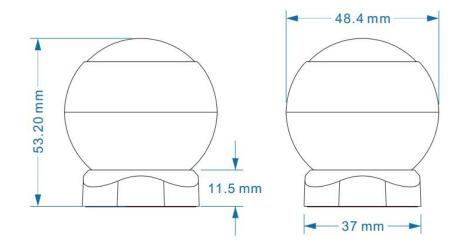
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Product Dimension Diagram (mm)



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