

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: AK-IR100
- Detection range: 8 meters
- Detection angle: 90°
- Communication protocol: ZigBee 3.0
- Input voltage: 3V/DC
- Low voltage alert threshold: 2.7V \pm 0.1V
- Standby current: $\leq 15\mu\text{A}$
- Operating current: $\leq 25\text{mA}$
- Battery life: Over 1 year (with 20 detections per day)
- Battery type: CR123A
- Operating temperature: -10 to 55°C
- Installation method: Wall-mounted
- Dimensions: $\Phi 48.4 \times 53.4 \text{ mm}$
- 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.

Product Dimension Diagram (mm)

