

# PIR Motion Sensor Myers MSS-AK-PIR1

## User manual



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## 1. Product overview



Fig.1. PIR Motion Sensor Myers MSS-AK-PIR1

The Myers MSS-AK-PIR1 is a wireless PIR (Passive Infrared) motion sensor designed to detect movement within its coverage area and instantly transmit an alarm signal to a paired alarm host. Using infrared detection technology, the sensor identifies changes in heat signatures caused by moving people or animals, making it a reliable choice for monitoring rooms, hallways, entryways, and other indoor spaces. It covers a detection angle of 110° and a range of up to 8 m from a single mounting point. As a radio (RF) sensor, it does not connect to Wi-Fi or the app directly — it must be paired with a compatible alarm host, which in turn connects to the app and forwards the sensor's alerts to you.

## 2. First use

1. Turn the switch on the back of the sensor to the «ON» position. The LED on the device will flash once.

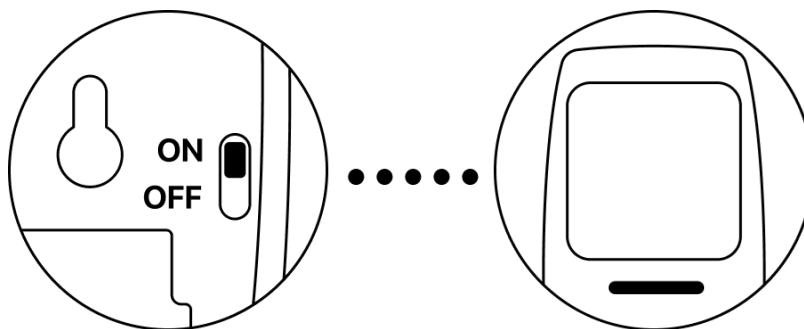


Fig.2. Turning on the device

2. Make a movement in front of the sensor. The alarm light starts blinking.

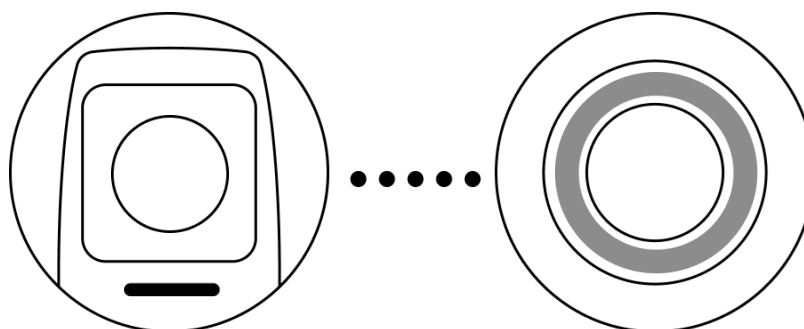


Fig.3. Testing motion detection

### 3. Installation

Mount the sensor on a wall, ideally in a corner of the room, at a height that gives a clear, unobstructed view of the area to be monitored. The sensor covers a detection angle of  $110^\circ$  and a range of up to 8 m, as shown below. Avoid pointing it directly at heat sources, air vents, radiators, windows exposed to direct sunlight, or moving objects such as curtains and ceiling fans, as these may cause false alerts or missed detections.

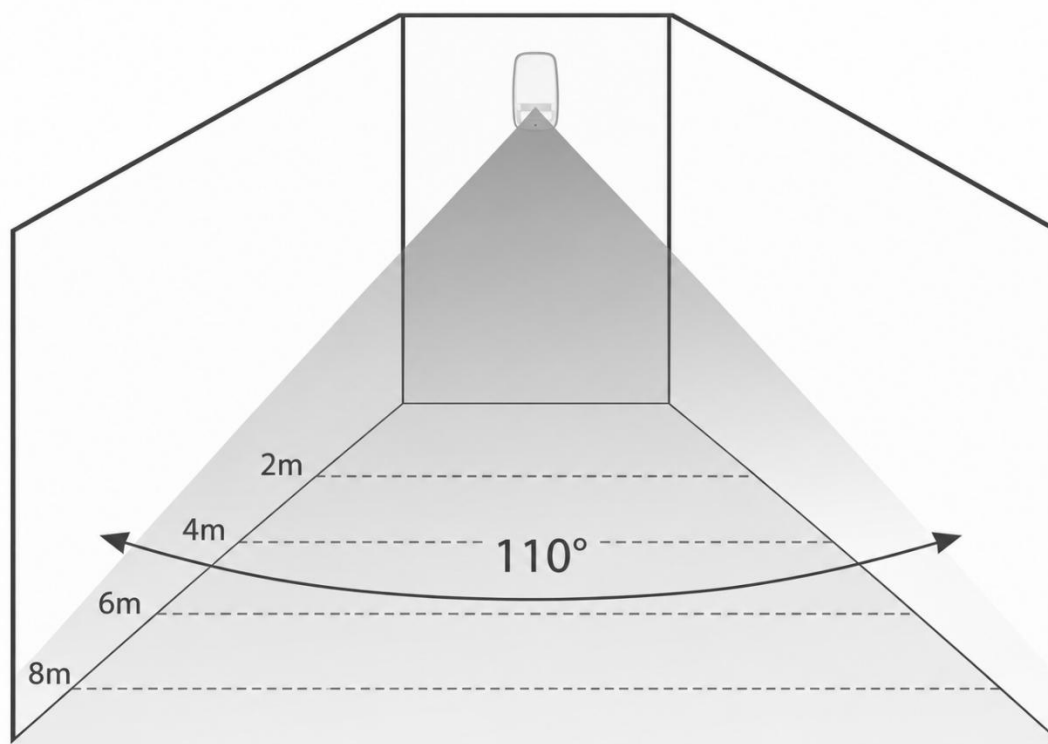


Fig.4. Detection angle and coverage range

### 4. App control

As a wireless RF sensor, the MSS-AK-PIR1 does not connect to Wi-Fi or the app directly. It must first be paired with a compatible alarm host; the host connects to the app over Wi-Fi and forwards the sensor's alerts to you.

To pair the sensor, put the alarm host into detector-adding mode (refer to the alarm host's manual for how to do this), then turn the detector's switch to the ON position. The LED will light once, and the detector will transmit its wireless signal to the host. The host will beep or give a voice prompt such as "Adding completed" once it receives the signal, confirming the sensor has been paired successfully.

**Low battery alert:** If the LED flashes during normal operation, the battery is running low and should be replaced.

## 5. Maintenance and safety notes

**Power supply:** Use only batteries of the type specified for this device and replace both batteries at the same time. Insert them with the correct polarity as shown inside the battery compartment. Do not mix old and new batteries or batteries of different types.

**Battery safety:** Do not disassemble, puncture, crush, short-circuit, or expose batteries to fire, heat, or direct sunlight. Remove the batteries if the sensor will not be used for an extended period. Dispose of used batteries in accordance with local regulations; do not dispose of them with general household waste.

**Installation:** Mount the sensor using the double-sided adhesive pad included in the kit, on a clean, flat, and stable surface with a clear, unobstructed view of the area to be monitored. Avoid pointing the sensor directly at heat sources, air vents, radiators, windows exposed to direct sunlight, or moving objects such as curtains and ceiling fans, as these may cause false alerts or missed detections.

**Operating environment:** The device is designed for indoor use only. Do not expose it to rain, condensation, high humidity, dust, or temperatures outside the range stated in the product datasheet. Keep the sensor away from direct sunlight and heat sources.

**Cleaning:** Wipe the device with a soft, dry cloth only. Do not use solvents, abrasive cleaners, or aerosol sprays, and never immerse the device in water.

**Wireless connection:** Keep the sensor within the alarm host's rated RF range, and away from thick walls, metal surfaces, or major sources of interference, to ensure alarm signals reach the host without delay. Replace the battery promptly if the LED indicates a low-battery warning.

**Servicing:** The device contains no user-serviceable parts. Do not attempt to open or repair the sensor yourself, as this may damage it and will void the warranty. If the device is faulty, contact Partizan support using the details below.

**Limitations:** This sensor is a supplementary security accessory and is not a certified life-safety alarm system. It should not be relied upon as the sole means of protection in situations where failure to detect an event could result in injury, loss of life, or serious property damage.

## Contacts:

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