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THIRDREALITY PiWMSA2

THIRDREALITY Zigbee Motion Sensor 2 Pack

USER MANUAL

Introduction

Welcome to the user manual for your THIRDREALITY Zigbee Motion Sensor 2 Pack. This guide provides detailed instructions on how to set up, operate, and maintain your motion sensors, ensuring optimal performance and integration with your smart home system. Please read this manual thoroughly before using the product.

Product Overview

The THIRDREALITY Zigbee Motion Sensor is a compact, battery-powered device designed to detect motion within its detection range. It utilizes Zigbee technology for seamless integration with compatible smart home hubs, enabling various automation possibilities.

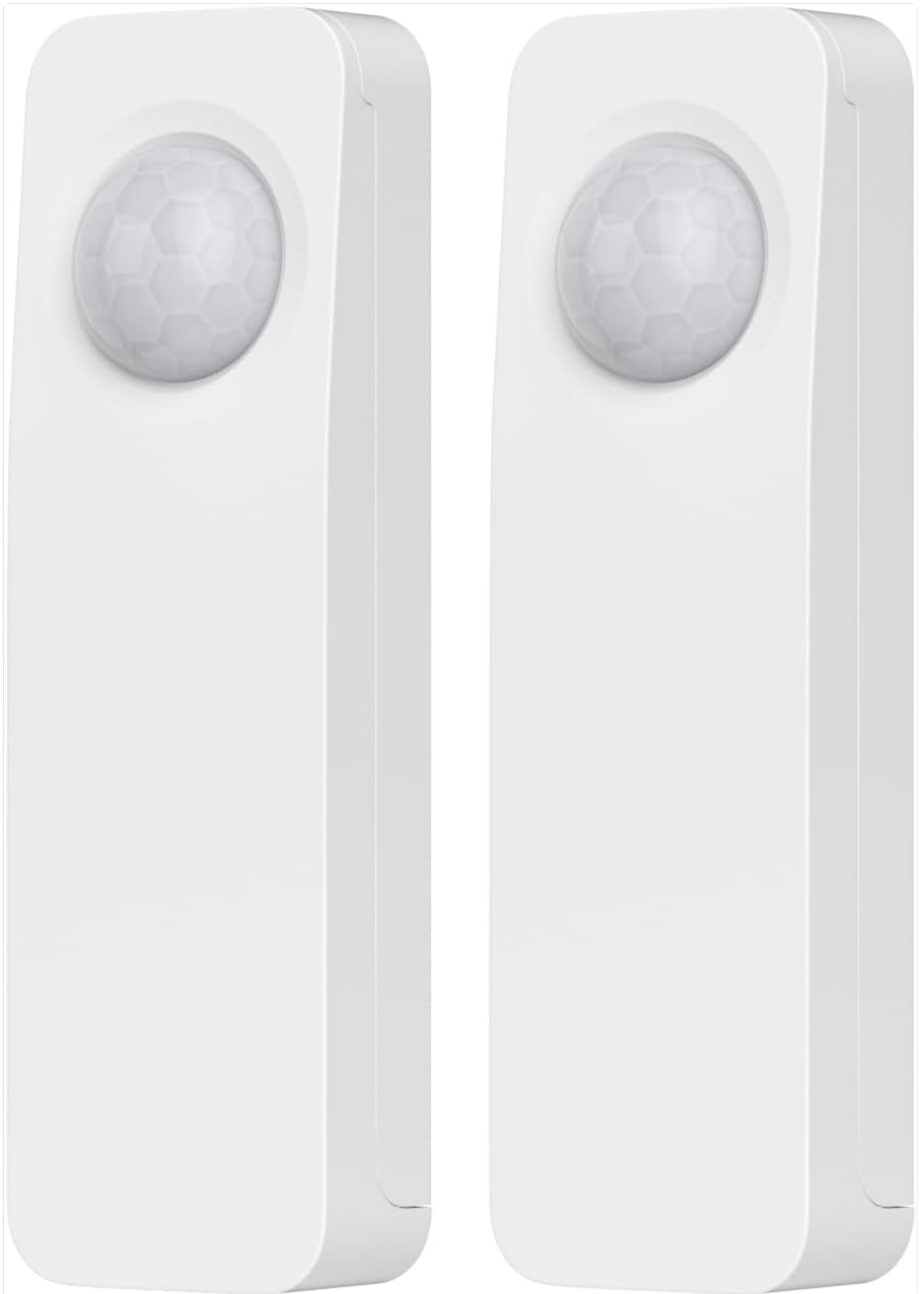


Image: Two THIRDREALITY Zigbee Motion Sensors, showing their compact design and motion detection dome.

Package Contents:

- Wireless Motion Sensor × 2
- AAA Battery × 4
- Double-sided Tape × 2
- Screw × 4

Key Features

- **Zigbee Standard Compatible:** Works with various Zigbee hubs and Echo devices with built-in Zigbee hubs.
- **Routine Creation:** Allows creation of custom routines via the Alexa app based on motion detection.
- **Smart Light Control:** Automate smart lights or plugs to turn on/off with motion.
- **Hassle-Free Setup:** Quick and easy pairing with compatible devices.
- **Great Range & Long Battery Life:** Detects motion up to 20 feet (6 meters) with up to 2 years of battery life.
- **Multi-Assistant Support:** Integrates with Apple HomeKit, Google Home, Amazon Alexa, and SmartThings via Smart Bridge MZ1 (sold separately).

Easy Installation

Can be placed in most parts of your home

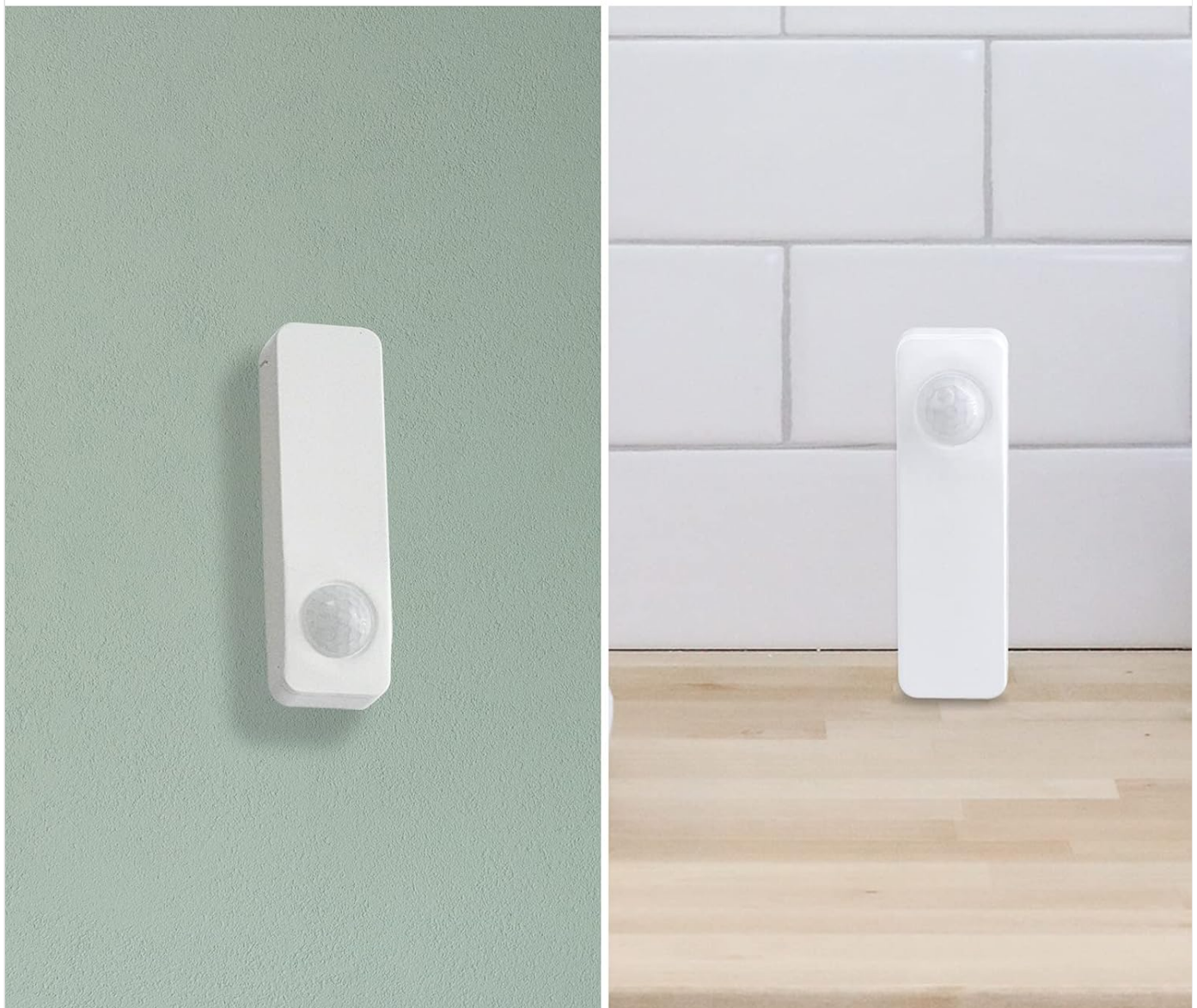


Image: The motion sensor detecting movement in a room, highlighting its detection capability.



Image: Example of setting up a routine to automatically turn lights on/off based on motion detection.

Setup and Installation

1. Battery Installation:

The sensor requires 2 AAA batteries. Open the battery compartment, insert the batteries according to the polarity markings, and close the compartment.

2. Pairing with a Zigbee Hub:

1. Ensure your Zigbee hub (e.g., Echo (4th Gen), Echo Plus, SmartThings, Hubitat) is powered on and in pairing mode.
2. Put the motion sensor into pairing mode. (Specific method may vary, typically involves pressing and holding a button on the sensor until an indicator light flashes).
3. For Echo devices, say "Alexa, discover devices." The Echo device will automatically discover the sensor.

4. For other hubs, follow the hub's specific instructions for adding a new Zigbee device.
5. Once paired, the sensor will appear in your hub's device list.

3. Placement:

The sensor is designed for indoor use only. It can be mounted on a wall or placed on a flat surface using the provided double-sided tape or screws. For optimal detection, place the sensor where it has a clear line of sight to the area you wish to monitor, typically at a height of 6-8 feet (1.8-2.4 meters) from the floor.

More Smart Assistant Supported

Enabled by Smart Bridge MZI, Motion Sensor integrates with numerous smart assistants and home automation platforms, such as Apple Home, Google Home, Amazon Alexa, and SmartThings, ensuring easy control and monitoring.

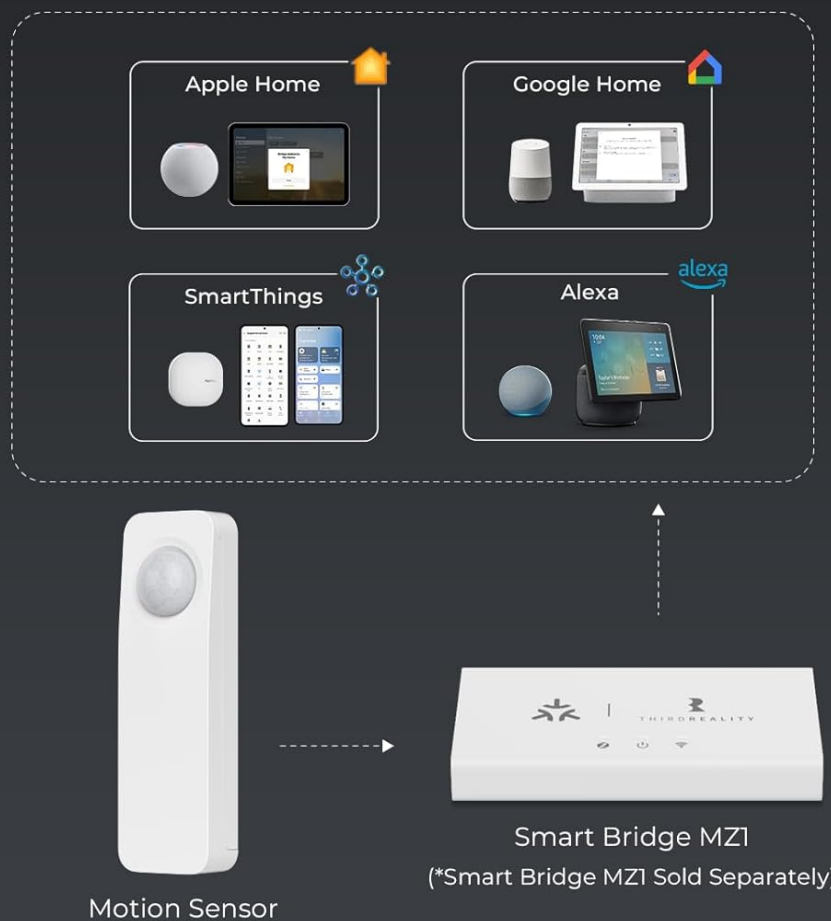


Image: Examples of easy installation, showing the sensor mounted on a wall and placed on a surface.

Compatible Devices:

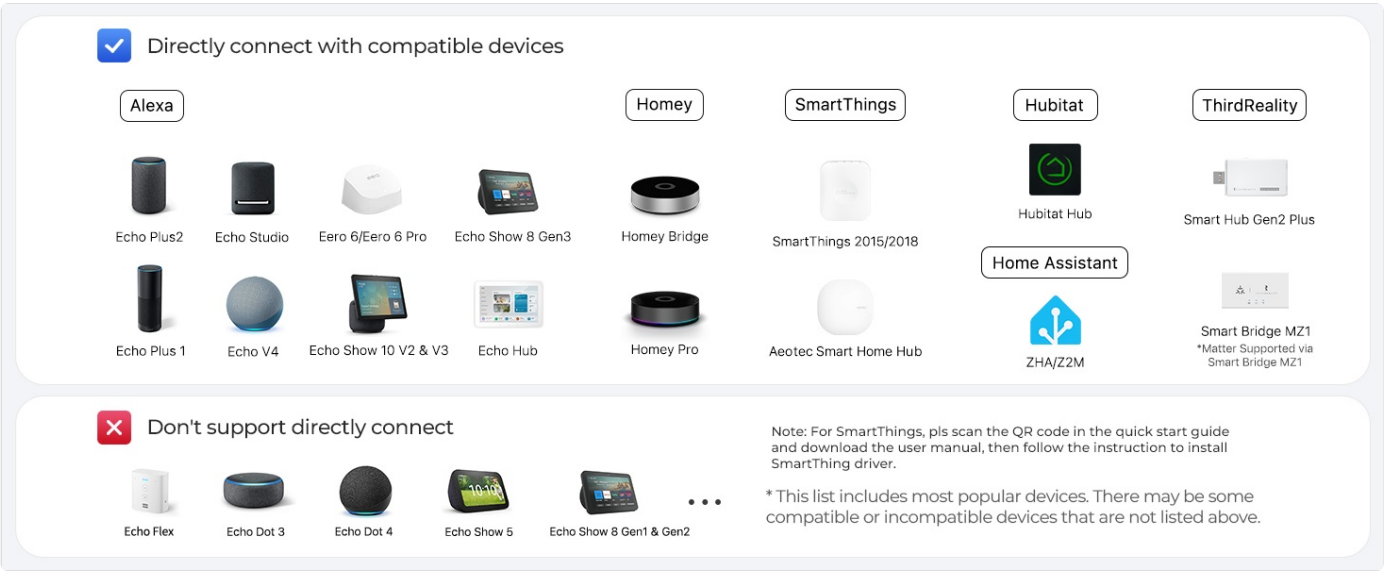


Image: Diagram illustrating direct compatibility with various Zigbee hubs and smart home platforms.

Operation

Motion Detection:

Once paired, the sensor will automatically detect motion within its field of view. When motion is detected, it sends a signal to your connected Zigbee hub. The sensor has a typical cooldown period of approximately 30-35 seconds between detections to conserve battery life.

Routine Trigger

Automatically turn on/off the light.

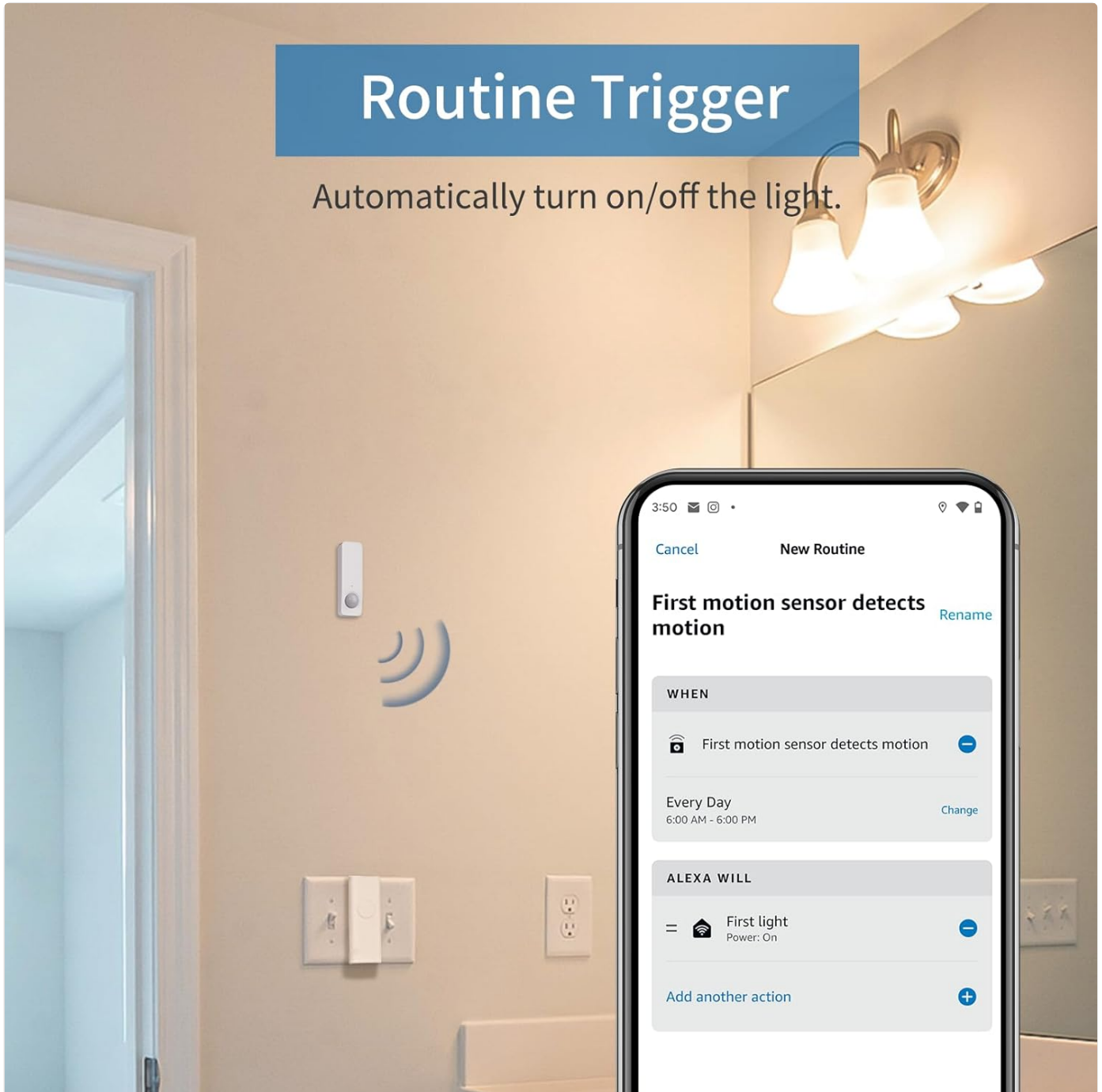


Image: The motion sensor indicating active detection with wave symbols.

Creating Routines and Automations:

Leverage your smart home app (e.g., Alexa app, SmartThings app) to create custom routines triggered by motion detection. Examples include:

- Turning on smart lights when motion is detected in a room and turning them off after a specified period of no motion.
- Receiving notifications on your smartphone when motion is detected.
- Triggering voice announcements from compatible smart speakers (e.g., "Motion detected in living room").

Detecting Movements

Wireless
Motion Sensor



Image: Voice alarm from smart speakers, demonstrating integration with voice assistants.

Integration with Other Smart Assistants:

For integration with Apple HomeKit, Google Home, and additional Amazon Alexa functionalities, the Smart Bridge MZ1 (sold separately) is required. This bridge expands the sensor's compatibility and allows for broader smart home ecosystem control.

Maintenance

Battery Replacement:

The sensor is designed for long battery life (up to 2 years with typical usage). When the battery level is low, your smart home app will typically notify you. To replace batteries, open the battery compartment, remove the old AAA batteries, insert new ones with correct polarity, and close the compartment.

Cleaning:

Wipe the sensor gently with a dry, soft cloth. Do not use liquid cleaners or abrasive materials, as they may damage the device.

Troubleshooting

- Sensor Not Connecting/Unreachable:**

Ensure the sensor is within range of your Zigbee hub. Check battery levels. If issues persist, try a factory reset: remove batteries, press and hold the reset button (if available), reinsert batteries while holding the button, then release. Re-attempt pairing. Some users have reported success by performing multiple factory resets or holding the reset button while reinserting batteries.
- False Motion Detections:**

Ensure the sensor is not placed near heat sources (e.g., vents, direct sunlight) or in areas with significant air currents, which can cause false triggers. Pet-friendly design minimizes false alerts from small pets, but larger pets might still trigger it depending on placement.
- Motion Not Detected:**

Verify the sensor's placement and ensure there are no obstructions blocking its field of view. Check battery levels. Confirm the sensor is properly paired with your hub.
- Slow Response Time:**

While the sensor has a quick response, the cooldown period is approximately 30-35 seconds. If you require more frequent detections, consider this cooldown. Ensure your Zigbee network has sufficient signal strength and repeaters if necessary, especially in larger homes or areas with many walls.

Specifications

Brand	THIRDREALITY
Model Number	PIWMSA2
Color	White
Power Source	Battery Powered (2 x AAA)
Maximum Range	20 feet (6 meters) / 30 feet (9 meters)
Mounting Type	Wall Mount
Battery Life	Up to 2 years
Product Dimensions	1.06 x 0.79 x 3.54 inches
Item Weight	4.6 ounces
Compatible Devices	Echo devices with built-in Zigbee hub, Home Assistant, SmartThings, Aeotec, Homey, Hubitat, Homey Bridge, Homey Pro, Third reality Hub, Third Reality Smart Speaker, Apple HomeKit, Google Home, SmartThings (via Smart Bridge MZ1)

Warranty Information


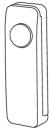
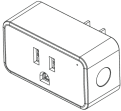
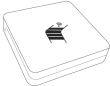
Please refer to the manufacturer's official website or the product packaging for detailed warranty information. Warranty terms and conditions may vary by region and purchase date.

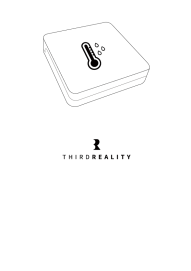

Support

For further assistance, technical support, or to view frequently asked questions, please visit the official THIRDREALITY website. You can also contact their customer support team through the channels provided on their website or product documentation.

Official Brand Store: [THIRDREALITY Amazon Store](#)

Related Documents - PiWMSA2

<div>Smart Motion Sensor R1</div> <div>User Manual</div> <div></div> <div>THIRDREALITY</div>	<div>THIRDREALITY Smart Motion Sensor R1 User Manual & Setup Guide</div> <div>Comprehensive user manual for the THIRDREALITY Smart Motion Sensor R1 (3RSMR01067Z). Learn about specifications, setup, installation, troubleshooting, and integration with Zigbee hubs like SmartThings, Alexa, Hubitat, and Home Assistant.</div>
<div>Motion Sensor</div> <div>User Guide</div> <div></div> <div>THIRDREALITY</div>	<div>Third Reality Wireless Motion Sensor User Guide</div> <div>Comprehensive user guide for the Third Reality Wireless Motion Sensor. Learn how to mount, set up, and use the sensor. Detailed pairing instructions are provided for popular smart home platforms including Amazon Echo, SmartThings, Eero, Home Assistant, and Hubitat. Includes troubleshooting tips and FCC compliance information.</div>
<div>THIRDREALITY Zigbee Smart Plug Gen2</div> <div>User Manual</div> <div></div> <div>THIRDREALITY</div>	<div>THIRDREALITY Zigbee Smart Plug Gen2 User Manual & Setup Guide</div> <div>Comprehensive user manual and setup guide for the THIRDREALITY Zigbee Smart Plug Gen2, covering specifications, features, pairing instructions with various hubs (SmartThings, Echo, Hubitat, HA), firmware updates, and troubleshooting.</div>
<div>Garage Door Tilt Sensor</div> <div>User Guide</div> <div></div> <div>THIRDREALITY</div>	<div>ThirdReality Garage Door Tilt Sensor User Guide</div> <div>User guide for the ThirdReality Zigbee Garage Door Tilt Sensor. Learn about setup, installation, pairing with various smart home systems like Amazon Alexa, SmartThings, Hubitat, and Home Assistant, specifications, and warranty information.</div>

<p>Temperature and Humidity Sensor Lite</p> <p>Quick Start Guide</p> 	<p>ThirdReality Temperature and Humidity Sensor Lite Quick Start Guide</p> <p>This guide provides instructions for setting up and pairing the ThirdReality Temperature and Humidity Sensor Lite (Model: 3RTHS0224Z) with various smart home systems including ThirdReality, 3R-Installer, Amazon Alexa, SmartThings, Hubitat, and Home Assistant. It covers specifications, pairing procedures, and regulatory compliance information.</p>
<p>THIRDREALITY Zigbee Smart Plug Gen2</p> <p>User Manual</p> 	<p>THIRDREALITY Zigbee Smart Plug Gen2 User Manual</p> <p>Comprehensive user manual for the THIRDREALITY Zigbee Smart Plug Gen2 (Model 3RSP02028BZ). This guide covers product specifications, features like real-time energy monitoring, setup instructions, detailed pairing procedures with various smart home hubs including Amazon Echo, SmartThings, Hubitat, Home Assistant (ZHA/Zigbee2MQTT), and Third Reality's own hub. It also includes information on firmware upgrades via OTA, mesh network setup, troubleshooting common issues, and FCC regulatory conformance. The smart plug supports Zigbee 3.0 connectivity and is designed for smart home automation.</p>