
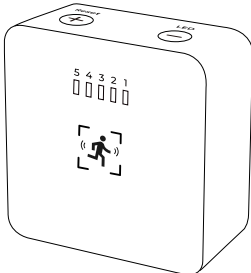


# Smart Motion Sensor R1

## Quick Start Guide



### Product Description

The THIRDREALITY Motion Sensor R1 is the perfect companion for a smarter, more secure home. Seamlessly integrating with popular Zigbee hubs like Echo devices with built-in Zigbee hubs, SmartThings, and Home Assistant, it fits effortlessly into your existing setup. Imagine customizing its detection range from 1.5 to 9.5 meters to monitor your living room, hallway, or office just the way you need. With three AA batteries, the sensor delivers long-lasting performance up to 3 years in typical use, so you can focus on what's important without constant maintenance. Set up routines via compatible apps to turn on lights as you enter a room or receive instant alerts when motion is detected, adding convenience and peace of mind. Whether placed discreetly on a shelf or mounted on a wall, the Motion Sensor R1 adapts to your space, keeping your home connected and secure.

### Specifications

Name	Smart Motion Sensor R1
Model	3RSMR01067Z
Dimensions	2.56 inch×1.18 inch×2.56 inch
Operating Voltage	DC 4.5V
Battery Type	AA battery × 3 (included)
Working Frequency	Zigbee 3.0 : 2.4GHz, Radar : 5.8GHz
Working Condition	Indoor Use Only
Working Temperature Range	Default 0~40 °C (indoor)

### Detect Level & Range

Level	Range (m/inch)
1	1.5 / 59
2	3.5 / 138
3	5.5 / 217
4	7.5 / 295
5	9.5 / 374

### Button functions

	Function	Procedure
Reset (+)	Reset Indication	Press and hold for 10 seconds
	Enhance sensitivity	Click once
LED (-)	En/Disable motion detect light	Press and hold for 3 seconds
	Decrease sensitivity	Click once

### LED status

Operation	Description
Factory Reset	The LED is illuminated.
Pairing	The LED flashes rapidly.
Motion detected	When the device is triggered, the indicator light for the current sensitivity level will illuminate for 1 second.
Offline	The LED flashes once every 3 seconds.
Low Battery	The LED flashes twice every 5 seconds.

\*The sensitivity indicator light will be reused with the status indicator light.

### Setup

- Open the battery cover on the device and remove the insulation strip to power the device.
- When the device is powered on, the sensitivity indicator will flash rapidly and the device will enter the Zigbee pairing mode. If the sensor is not in the pairing mode, press and hold the + button for 10 seconds to factory reset the sensor.
- Follow the instructions on the platform to add the device.

### Compatible Platforms

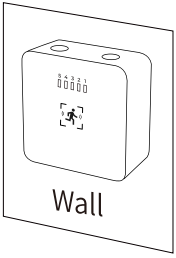
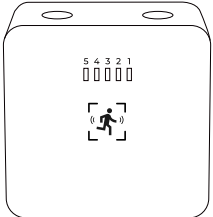
Platform	Requirement
Amazon	Echo with built-in Zigbee hub
SmartThings	2015/2018 models, Station
Home Assistant	ZHA and Z2M with Zigbee dongle
Hubitat	With Zigbee hub
ThirdReality	Smart Hub/Smart Bridge MZ1
Homey	Homey Bridge/Pro
Aeotec	Aeotec Hub

### Using Case

- Hang or place the R1 sensor in a suitable and sturdy location. This location should be away from the wireless router and places where there may be slight vibrations (such as washing machines). If there are multiple R1 sensors, avoid overlapping sensing areas to cause false alarms.
- After completing the installation, you should first adjust the sensor's sensitivity. There are 5 sensitivity levels from low to high, represented by numbers 1-5. Please try the sensing distance from level 3 (The default is level 3). If the sensing distance is too close, you can switch to a higher level, otherwise you should adjust to a lower level. The sensitivity and LED indicator switch can only be adjusted on the device.
- Start setting the routine. The R1 sensor is the same as the Wireless Motion sensor. You can select the R1 sensor as the trigger on the platform, and then set some switches or devices as reactors. When the device is triggered, the indicator light for the current sensitivity level will illuminate for 1 second.

### Installation

The product features an anti-slip design, allowing it to be placed directly on a table or mounted on the wall using screws.



① Vertically placed on table


② Hang on the wall

### Troubleshooting

**To achieve the desired detection accuracy:**

- Do not install the sensor on a metal surface. If you need to install it, please place a non-metallic insulating layer (e.g. plastic or rubber pad, >5mm thick) between the radar and the metal surface.
- When installing the sensor, please keep it at least 1m away from other wireless devices that will create a strong signal field (e.g. Wireless router).
- When installing multiple radar sensors, do not place the detection surfaces opposite each other.

### Scan the QR-code to view details



<https://bit.ly/3PdGajZ>

### FCC Regulatory Conformance

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- this device may not cause harmful interference.
- this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help important announcement.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### ISED Statement

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- this device may not cause interference, and
- this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- l'appareil ne doit pas produire de brouillage, et
- l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Limited Warranty

For limited warranty, please visit <https://3reality.com/faq-help-center/>  
For customer support, please contact us at [info@3reality.com](mailto:info@3reality.com) or visit [www.3reality.com](http://www.3reality.com)  
For questions on other platforms, visit the corresponding platform's application/support platform.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator& your body.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le rayonnement de la classe b respecte ISED fixaient un environnement non contrôlés.Installation et mise en œuvre de ce matériel devrait avec échangeur distance minimale entre 20 cm ton corps.Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.