

# SW-RS Smart motion and presence sensor

Model number - SW-RS

**This smart presence and motion sensor is designed to detect motion or presence within a range of up to 6 meters.** The sensor will detect the presence of a person even when they are asleep and motionless. Using the IFTTT scenarios that exist in SwitchBee's App, the sensor enables energy savings in an easy and comfortable way. For example, when there is no presence in the room for 15 minutes, the scenario will turn off the lights, air conditioning, and the TV in the room. It is also possible to set scenarios that depend on several sensors, for example, if 3 sensors in the office don't detect presence for 20 minutes then perform a shut down scenario of all switches in the office and send a notification to the manager. For more details about the many options for security, energy saving, and notifications go to the website: [www.switchbee.com](http://www.switchbee.com)

The sensitivity and range of the sensor can be set using the App. The sensor has 8 detection segments. Each segment is 0.75 meters long and the sensitivity for each can be calibrated using the App. For example segments 0-0.75 meters, 0.75-1.5 meters at sensitivity 0 and the other segments high-sensitivity. In this case the sensor will detect movement and presence from 1.5 meters to 6 meters. And the sensor will not trigger in the 1.5 meters near the detector. More examples and videos are on the website. The sensor can be deactivated/locked according to a timer set by the user, for example for Shabbat observers.

## Technical information // Smart sensor for presence and motion

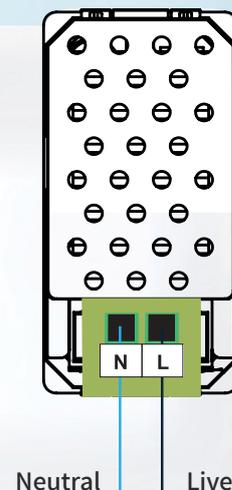
Power supply	100-240V   50-60 Hz
Power consumption	0.5W
Transmission frequency	433.5-434.5 Mhz
Transmission range	Up to 100M
Functionality	Motion and presence sensor
Detection range	6 Meters. The App indicates distance from the sensor
Detection angle	60 Degrees
Selective segments	The sensor has 8 detection segments, each 0.75 meters long. Different sensitivity can be set for each segment independently
Sensitivity	There are 5 levels of sensitivity. Off, low, medium, high, very high.
Background lighting	Green - no Detection. Red - Detected presence and movement. Yellow - Inactive
Dimensions	Height 44mm, width 23mm, depth 30mm. 1 Gang configuration
System requirements	Central Unit version 1.4.6.(9) or higher Compatible with a variety of decorative panels



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## Installation Instructions

Live **to L**  
Neutral **to N**



### Adding a motion/presence sensor to the App



Click on "Edit"



Click on "+"



Click on "Add switch/device"



Long press on the circle of the radar sensor

\*\*\*If the "alarm system" is not enabled in the App, the system will send a warning message that the "alarm system" must be enabled.

\*\*\*Clicking cancel will cancel the process and return you to the home screen.

\*\*\*Clicking OK will activate the "alarm system" and continue the pairing process



Enter name and location for the radar sensor



Click on "Next"



Click on "done" to complete the pairing process and to return to home page



Click on "Add another switch/device" in order to carry on pairing other devices

### Motion and presence sensor settings

**Lock Mode:** Turns off the sensor, so the sensor will stop detecting motion/presence. When the sensor is in lock/off mode the background light will be yellow.

**Detection range:** of the sensor in meters: 0.7, 1.5, 2.2, 3, 3.7, 4.5, 5.2 6 meters. Default 6 meters.

**General sensitivity:** Off, low, medium, high, very high.

**Selective sensitivity:** the sensor has 8 detection segments. Each segment is 0.75 meters long, the sensitivity can be set for each segment individually.

**Reset Factory:** This restores the factory settings of the sensor's sensitivity and range. This action does not affect the connection of the sensor to the system. The scenarios and alerts related to the sensor will continue to operate as normal.

**Sensor activity:** **green light** no detection, **red light** - there is detection, **yellow light** - sensor inactive.

In the App, the user will be shown above the type of identification (man sitting-stationary, man walking-mobile) as well as his distance in centimeters.

