



Motion Sensor Mini

A compact solution for monitoring room activity

The compact Motion Sensor Mini from Develco Products allows the user to detect occupancy, light, and temperature with only one device. The device includes an occupancy sensor, a light sensor, an alarm sensor, a temperature sensor, and a tamper switch.

Key features are:

- Occupancy sensor
- Alarm sensor
- Light sensor
- Temperature sensor
- Tamper switch
- Zigbee Home Automation 1.2 certified

Detection of occupancy, light and temperature

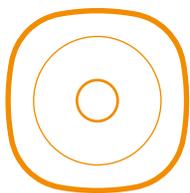
With the wireless Motion Sensor Mini, your customers will be able to set the light to turn on and off as people enter and leave the room. In addition, they can set the temperature detector to trigger smart thermostats or portable heaters.

The occupancy sensor is PIR based and able to sense movement up to 9 meters from the sensor. The sensor includes two logical outputs, one for occupancy with high sensitivity and one for alarm with a lower sensitivity.

The Motion Sensor Mini operates under the Zigbee standard, which means that the sensor can be integrated with other Zigbee based systems for smart home, smart energy, healthcare, or building management.

The sensor is available in two versions:

Features	Full	Basic
Occupancy sensor	x	x
Alarm	x	x
Light sensor	x	
Temperature sensor	x	
Tamper switch	x	
Flat mounting	x	x
Corner mounting	x	
Screw mounting	x	



A basic version of the sensor is available for high-volume rollout (MOQ 3,000). Reduce the number of features and keep the cost down.



Motion Sensor Mini - Technical specifications



General

Dimensions (W x H x D)	70 x 70 x 21 mm
Color	White
Power supply	Battery: 2 x AA, exchangeable Battery life: 3 years, reporting every 2 minutes Battery level and low battery warning can be reported
Radio	Sensitivity: -92 dBm Output power: +3 dBm
Environment	IP class: IP30 Operation temperature 0 to +50°C Relative humidity 5% - 85%, non condensing

Functions

Occupancy & alarm sensor	Sensitivity range: 9 m View angle: 45° up/down, left/right Off-time: configurable 2 s - 65,000 s Two trigger levels: one for occupancy and one for alarm
Light sensor	Resolution: dark, light, bright Sample time: config.: 2 s - 65,000 s Reporting: configurable
Temperature sensor	Range: 0 to +50°C Resolution: 0.1°C (accuracy ± 0.5°C) Sample time: config.: 2 s - 65,000 s Reporting: configurable

Communication

Wireless protocol	Zigbee Home Automation Zigbee end-device
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Certifications

	Conforming to CE, RoHS and REACH directives Zigbee Home Automation 1.2 certified
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