



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

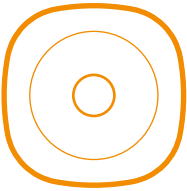
Detection of occupancy, light and temperature

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



Smoke Alarm

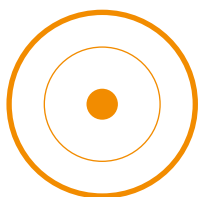
Smoke and temperature monitoring for optimal fire detection

The Smoke Alarm from Develco Products increases occupant safety and reduces fire-related damage to buildings and property. In case of fire or smoke development, your customers will be warned immediately – even while they are away.

Key features are:

- Smoke sensor - IAS Zone
- Temperature sensor
- ZigBee Home Automation 1.2 certified

While in the building, the Smoke Alarm will warn occupants about smoke, using a loud siren. While away, they will be instantly notified of a potential fire on their smart phone or tablet, through an internet-connected gateway.



Easy installation
Long battery lifetime
Diameter 65 mm

Via ZigBee communication, the Smoke Alarm can activate sirens of other Smoke Alarms in the building. Moreover, the Smoke Alarm will report the status and temperature every two minutes via your IoT system.

The wireless Smoke Alarm is battery powered and easily mounted to the ceiling with the included screws.



Smoke Alarm - Technical specifications

General

Dimensions (Ø x H)	Ø 65 x 40 mm
Color	White
Power supply	Battery: 1 x CR123, exchangeable Battery life: 3 years, reporting every 5 minutes Battery level and low battery warning can be reported
Radio	Sensitivity: -98 dBm Output power: +8 dBm
Environment	IP class: IP20 Operation temperature 0 to +50°C Relative humidity 10-95% non-condensing

Functions

Smoke sensor	Optical Siren output 85 dB/3m
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
DIN EN 14604 and DIN 14676 certified
ZigBee Home Automation 1.2 certified