

# Wireless Smoke Alarm

## Product Overview

### Features

The iMune® smoke alarm works according to the photoelectric principle. A fire alarm is indicated by a series of repeated sounds, the volume is at least 85dB.

Upon activation or test the radio transmitter module sends an alarm message immediately to the iMune® control system. As soon as the alarm terminates, an alarm-end message is sent. Approx. every 30 minutes a status message is sent. This allows monitoring and logging of the sensor status at all times.

The power supply of the smoke detector is an internal, non-interchangeable lithium battery with a lifetime averaging 10 years. When the battery is at the end of its life, a short beep sound is produced. The power supply for the radio transmitter module is provided by a solar cell if sufficient brightness is present. If the room brightness is not sufficient for operation, a 3,6V lithium battery 1/2 AA (not included) must be inserted.

## Part Number

**IMENO-PIR-MOT**



## Specifications

### Input

Indoor light energy harvesting  
Supplemental battery (CR2032).  
Sustaining charge time: 200 lux for 6 hours per day  
Frequency: EnOcean 868.3 MHz  
PIR range : typ. 5 m (16.5 ft.) when installed 2.5 m (8.5 ft.)  
high  
Light Level Sensor Range / Accuracy: 0 ... 65000 Lux / +/- 10%

### Operational Lifetime

Infrequent bright light (200 lux 2 hrs / day) - 15 years  
Consistent low light (65 lux 5 hrs / day) -12.5 years

### Mechanical

ABS or PC, White  
Dimensions: 114 x 66 x 31mm  
Mounting height: Ceiling at 2.5 m (8.5 ft) - 3 m (10 ft) height

### Environmental

0 °C (32 F) ... 60 °C (140 F) Indoor use only  
20 % r.h. ... 85 % r.h. Non-condensing

**Wireless smoke detector and alarm**  
Photoelectric with activation message