

# PRESENE DETECTION INFRARED



Smart Building



Smart City



Smart Industry



ACW-PIR360-I



ACW-PIR90-O



ACW-PIR180-O



ACW-PIR90-I

## Features

The PIR product line allows information on the occupancy rate of a room or different places to be transmitted over the network over the course of a day.

Counting of the passages of individuals or vehicles at specific locations.

Two operating modes: alarm mode (intrusion detection) or counting mode (determine percentages of attendance or occupancy).

Data transmission at regular intervals.

SMS or e-mail alerts when a threshold is exceeded \*.

\*Available with a subscription to Atim Cloud Wireless™ web platform



Detection range : up to 12 meters  
Detection angle: 90 to 360° in function of versions



Plug & Play : <10 min of installation



Indoor: 1x 3.6V 2/3A0A battery  
Outdoor: 2 x 3,6V batteries



Indoor: 3+ years with 1 detection/hour  
Outdoor: 5+ years of autonomy with 1 detection/hour



Indoor: IP30  
Outdoor: IP54 or IP55 in function of version

## References

Part number	Technology	Part number	Technology
ACW/SF8-PIR90-I	SIGFOX	ACW/LW8-PIR90-I	LoRaWAN
ACW/SF8-PIR90-O	SIGFOX	ACW/LW8-PIR90-O	LoRaWAN
ACW/SF8-PIR180-O	SIGFOX	ACW/LW8-PIR180-O	LoRaWAN
ACW/SF8-PIR360-I	SIGFOX	ACW/LW8-PIR360-I	LoRaWAN

# INFRARED DETECTION : USE CASES

## OPTIMIZE OCCUPANCY RATES, DETECT INTRUSIONS ON PROTECTED SITES

- Analyse the occupancy rate of the various workspaces in a building
- Organize the meeting room reservation schedule
- Thanks to the information transmitted regularly, it is possible to ensure that the occupancy gauges (Covid-19) are respected



- Depending on the information transmitted, it is possible to adapt the management of rooms and open spaces (cleaning, maintenance, etc.)
- Heating being a very expensive item, it will become easy to identify unoccupied rooms and adapt the heating system accordingly (energy savings)

- The alarm mode allows you to be warned in the event of an unwanted or intrusive presence
- This operation is ideal for monitoring a protected access, an intrusion, or places with restricted access
- Thanks to the alert sent immediately, the intervention is quick

