INFRARED PRESENCE DETECTION

Sigfox · LoRaWAN™

ACW-PIR90-I

ACW-PIR360-I

ACW-PIR90-O

ACW-PIR180-O

ACW-ILB

Distance detection: up to 100 meters
Angle detection: 90 to 360°

IP IP30 protection rating -I versions
IP54 or IP55 protection ratings -O versions

3+ years* with 1 detection/hour versions -I
5+ years* with 1 detection/hour versions -O

Interchangeable batteries

Setup via downlink or factory settings

Plug & Play

Features

The PIR range facilitates the monitoring of sites thanks to its detection modes.

There are two operating modes:
- alarm mode (intrusion detection)
- counting mode (determine percentages of attendance or occupancy)

The alerts are transmitted on Sigfox or LoRaWAN networks and its configuration is configurable from the tools of the ATIM suite.

Compatible with the computer and mobile versions of the IoT web platform**, data visualization, remote parameterization of the sensor and the configuration of alerts according to predefined thresholds are made possible in a few clicks.

References

Part number	Technology	
ACW/PIR90-I	Sigfox	LoRaWAN
ACW/PIR90-O	Sigfox	LoRaWAN
ACW/PIR180-O	Sigfox	LoRaWAN
ACW/PIR360-I	Sigfox	LoRaWAN
ACW/ILB30	Sigfox	LoRaWAN
ACW/ILB100	Sigfox	LoRaWAN

* Subjected to the environment conditions
**Available with a subscription to Atim Cloud Wireless™ web platform
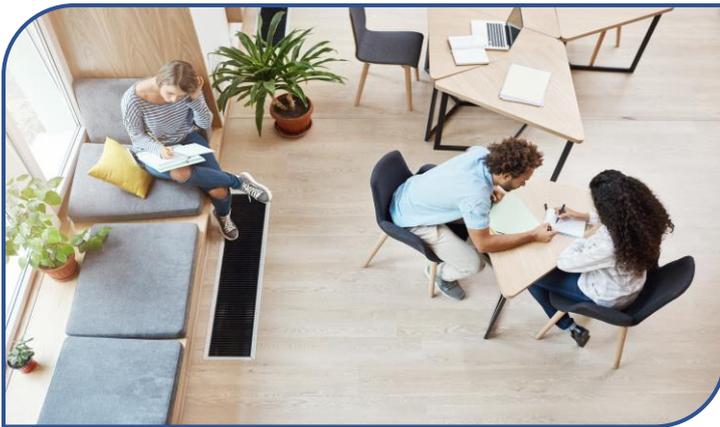
DETECT AND ALERT

Smart Building

Smart City

Smart Industry

- 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.