ACS-Switch-PIR®

INFRA-RED PRESENCE DETECTION (PIR)

ineo·sense
BRINGING SENSE TO WIRELESS

Clover-Net

LoRaWAN™

USE CASES

INTRUSION DETECTION

Monitors accesses on premises by infrared detection (PIR). Optimizes on-call duties and security checks.

FACILITY MANAGEMENT

Occupation rate of meeting rooms and areas open to the public for a better organization and optimization of maintenance checks.

PEOPLE COUNTING

People counting, 2 or 4-wheel drive vehicles for access monitoring : public restrooms, bike stations, car parks...

PRODUCT HIGHLIGHTS

SETTINGS ADAPTED TO YOUR USE CASES

Flexible operating mode with simple on-the-fly settings. Adapts to the majority of use cases.

IDENTIFICATION BY LED

A bi-color LED facilitates the installation of the product and ensures that detections are correctly taken into account.

OPTIMIZED ALGORITHM for more than 5 years of battery life depending on the use case.

CLOVER-NET TECHNOLOGY

Real-time two-way communication protocol to facilitate the installation and setting of sensors, collection of time-stamped data, automatic inventories, OTA updates...

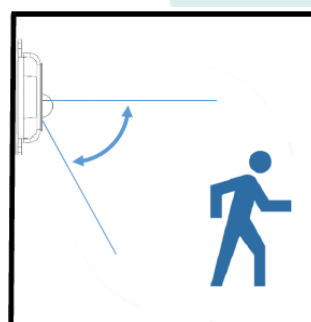### TIME-STAMPING AND DATALOGGING of events (+3000)
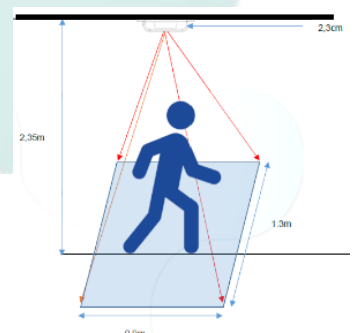
REPLACEABLE BATTERY

OPTIONS AVAILABLE:

- 5m or 12m detection.
- Personalization on request :
  - Case color and labelling,
  - Specific features.
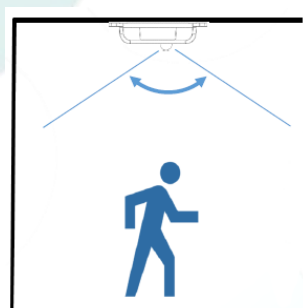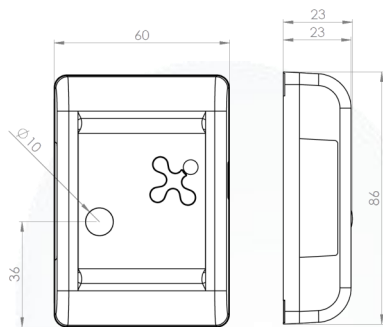
PIR 5m : position plafond

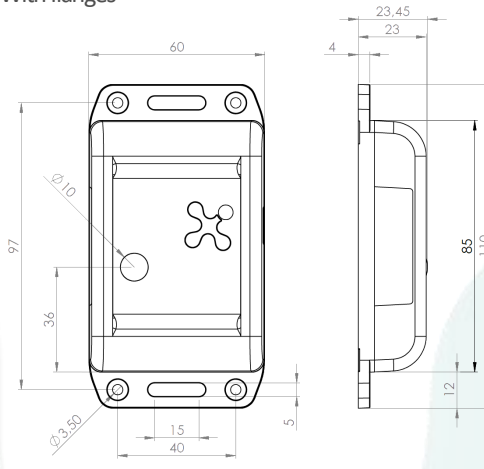PIR 12m : Position mur

PIR 5m : barrière

SPECIFICATIONS

Mechanical specificities

Without flanges

With flanges

Fastening system

Screw

Magnet (optional)

Glue

Certifications

CE, EN 300-220

Physical characteristics

Battery	Lithium 3.6Ah replaceable
Material	ABS PC V0 UL94
Weight	98g
IP index	IP44
IK index	IK07
Operating temperature	-20°C to 70°C
Storage temperature	-40°C to 80°C
Humidity	< 95% without condensation

⚠️ **CAUTION: THIS PRODUCT USES LITHIUM BATTERY.**
FOR YOUR SAFETY, PLEASE CHECK OUR WEBSITE.

Communication

LoRaWAN	Class A
	EU868, 915US, AU915, AS923
	Private and public networks
	OTAA and ABP
	Power transmission : 14dBm (EU) to 20dBm max
	Operator compatible : Objenious, Orange ...
	Network core providers : Actility, Orbiwise, TTN,
SigFox (option)	RC1, RC2, RC4
CloverNet	Broadcast, multicast, point-to-point

Battery life
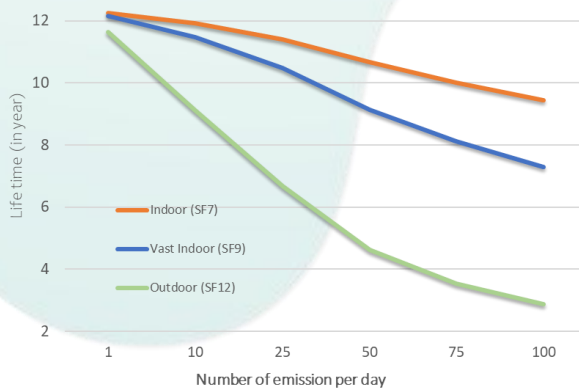
Use case

Infra-red sensor

Keep alive uplinks every 24h

Alarm notification for every passage detection

Data transmitted

Detection status

Active / inactive status counter

Alarm in case of change of status or if it exceeds the threshold

Time stamps history

Activity data (battery, ...)

Temperature level

Settings configuration by downlink

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