

SIGFOX INTEGRATED SMART ALARM

SELFIE+

SIGFOX based SELFIE+ Smart Alarm is a motion sensor alarm with double technology (microwave + infrared) that sends alarms through the SIGFOX network.

The device is battery operated, has 2 years autonomy and can easily fixed on the wall, no installer required.

SIGFOX network is a mobile radio network for IoT and allows to connect objects without using GSM modems and SIM cards.



The sensor integrated in SELFIE+ detects motion inside the room using infrared and microwave waves, the device has also a tamper sensor if the case is open.

The device has minimum energy consumption and it is always connected. After detecting a motion it will generate an alarm and then it will be in sleep mode for 4 minutes to avoid energy consumption in case of multiple motion alarms. Every motion inside the 4 minutes periods resets the timer, after a period of 4 minutes without any motion detected the device will start again detecting motion.

SELFIE+ management is made through Integra web platform allowing:

- Device registration
- Device coupling with one or many mobile phones to receive SMS alarms
- Device coupling with one or many email addresses to receive mail alarms

The SELFIE+ Smart Home Alarm device is SIGFOX certified, it's compliant with electromagnetic EU directives, it doesn't interfere with other home appliances and has a CE mark.

The SELFIE+ Smart Home Alarm device has a bundle offer (device + web server access + 24 months of Sigfox connectivity).

TECHNICAL CHARACTERISTICS

Digital inputs

Number of alarm inputs	1 for motion sensor 1 for tamper alarm
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Communication

Motion alarm Message	1 for motion detection
Tamper alarm Message	1 for case open
Battery alarm Message	1 for low level battery

Power supply

Nominal voltage	3,6 Vcc (lithium battery not rechargeable)
Battery autonomy	2 years with motion sensor always ON and max 5 alarms per day

Antenna

Connector	Internal helicoidal
Radiation	Omnidirectional
Power/Gain	25mW (+14dBm)

Operating conditions

Operating Temperature	- 5 / +35 °C *
Storage Temperature	- 25 / +75 °C
Rel Humidity (no condensation)	< 95%
Grado di protezione	IP 20

Meccanica

Weight	0,05 Kg
Dimensions	130x55x40 mm without wall support
Mounting	Wall mounting using supports included

Sensor characteristics

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