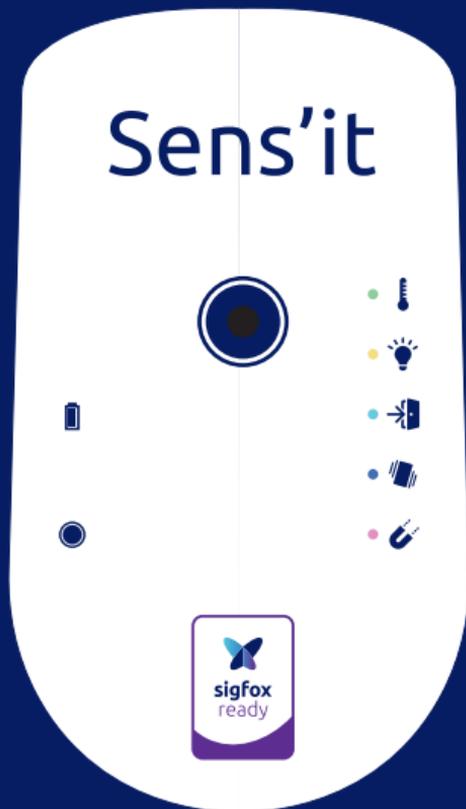


USER MANUAL

www.sensit.io



SENS'IT 2.2

SUMMARY



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SAFETY INSTRUCTIONS

- * Before any use, please read carefully this manual and keep it for any later use.
- * Any use not in accordance with this manual will result the exclusion of warranty and of the manufacturer's liability.
- * Use only parts and components coming from Sigfox and Sens'it.
- * Place the Sens'it in a cool and dry area. For the withstood temperature and humidity ranges, see the technical specifications.
- * Do not leave any electronic equipment on the top the Sens'it.
- * Do not submerge Sens'it in liquids
- * Do not place the magnet close to electronic devices, like PCs, batteries, etc., they could be damaged or information could be deleted.

I. CONTENT OF THE PACK

YOUR SENS'IT PACK CONTENTS:

- * 1 Sens'it
- * 1 magnet
- * 1 micro USB cable
- * 1 velcro strap
- * 1 Sens'it user manual

II. PRESENTATION

Sens'it is a connected device whose objective is to demonstrate the capabilities of Sigfox network. It includes several sensors that will measure data and send it to web and mobile applications available on www.sensit.io

THE SENS'IT CAN BE CONFIGURED IN 6 DIFFERENT MODES:

- * **Temperature and Humidity mode** (LED blinks in green). In this mode, the Sens'it will send sensors' data at a defined frequency (every 10min, hour, 6hours, day).
- * **Light mode** (LED blinks in yellow). In this mode, the Sens'it will either send light sensor data at a defined frequency or will only send notification based on trigger.
- * **Door opening detection** (LED blinks in light blue). In this mode, the Sens'it will be fixed on a door, and will send an alert every time the door is being opened.
- * **Vibration detection** (LED blinks in dark blue). In this mode, the Sens'it will send a notification every time the movement sensor has detected a movement.
- * **Magnet** (LED blinks in Purple). The Sens'it will send a message every time the magnet is put near the right side of the Sens'it.
- * **Button** – Only (Secondary LED blinks in White). Sens'it will send a message every time the button has been pressed.

HOW TO CHANGE MODES AND SEND MESSAGES:

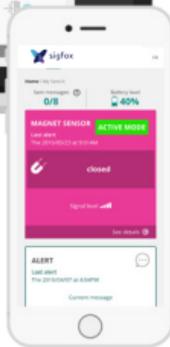
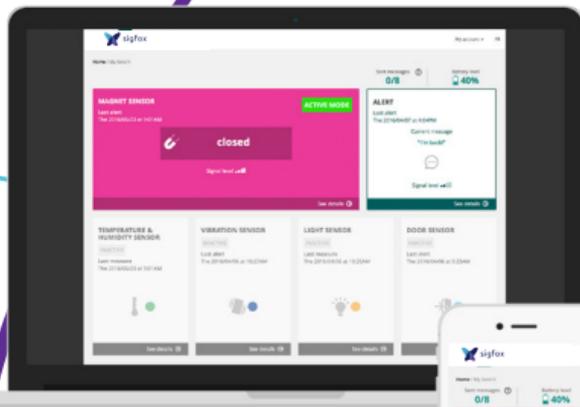
- * One long press on the central button will make the Sens'it change mode.
- * A double press and the Sens'it will directly send a message.
- * A short press and the LED will blink in the current mode's color.
- * A maximum of two messages can be sent in a row, then there is 20s wait before the next one. This limitation is due to regulation on the frequency band used.

CHARGING

- * To recharge the Sens'it, use the micro USB cable provided.
- * Once plugged, the secondary red LED will turn on. It will turn off when the battery is completed charged.
- * The main LED blinks twice in red to warn user of an empty battery.

WEB & MOBILE APP

- * Sens'it data is available on www.sensit.io website on Desktop and Mobile. The application allows to monitor data but also to configure email, SMS or web notifications depending on the current mode of the Sens'it.
- * iPhone and Android apps are also available in app stores.
- * An API for developers is available on api.sensit.io



Temperature
& humidity



Light



Door opening
detection



Movement
or vibration



Magnet



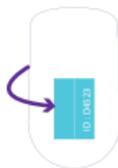
Alerting

III. HOW TO START



Visit **www.sensit.io**
and click on "Start
with your Sens'it"

1



Use the ID printed
at the back of your
Sens'it

2



Long press on the
main central button

3



Main LED will turn
green to show your
Sens'it is in the
temperature mode

4



Wait until the
LED blinks green,
showing a signal is
being sent

5



Data transmitted are
available on the web
app dashboard

6

IV. TECHNICAL SPECIFICATIONS

THE SENS'IT INCLUDES SEVERAL SENSORS:

- * Temperature
- * Humidity
- * Movement (3-axis accelerometer)
- * Magnetometer
- * Light

TECHNICAL CHARACTERISTICS

- * Sens'it version 2.2
- * Includes a 250mAh LiPo battery
- * Dimensions (WxHxD): 48mm x 85mm x 14mm

TRANSMISSION AND RECEPTION DETAILS

- * Frequencies Used: 920-923Mhz
- * Emission power: 22dBm ERP

IT ALSO INCLUDES

- * A central button to control the device
- * A Reed-switch that goes with the magnet.
- * 3 LEDs

RADIO CHARACTERISTICS

- * Sens'it is Sigfox Ready Class 0

ENVIRONMENTAL CHARACTERISTICS

- * Temperature range: -10°C to +50°C
- * Maximum relative humidity: 90 %

V. WARNING STATEMENTS

1. FCC

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

- The radiated output power of the device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.



2. IC

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiofrequency radiation exposure Information:

This equipment complies with FCC and IC radiation exposure limits set

forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

IC

3. MEXICO

La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Este equipo ha sido diseñado para operar con las antenas que enseguida se enlistan y para una ganancia máxima de antena de 1dBi. El uso con este equipo de antenas no incluidas en esta lista o que tengan una ganancia mayor que 1dBi quedan prohibidas. La impedancia requerida de la antena es de 50 ohmios.

4. BRAZIL

Este produto está homologado pela Anatel, de acordo com os procedimentos regulamentados pela Resolução nº 242/2000 e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Taxa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência, de acordo com a Resolução nº 303/2002.



Do not throw away Sens'it in the normal household trash; it must be disposed properly in the same way as other electronic equipment following official procedures.

VI. CREDITS

Sens'it is owned by Sigfox.

Sens'it development has been in partnership with Axible Technologies.

Sens'it is assembled in France.

In partnership with Texas Instruments..





Contact: contact@sensit.io