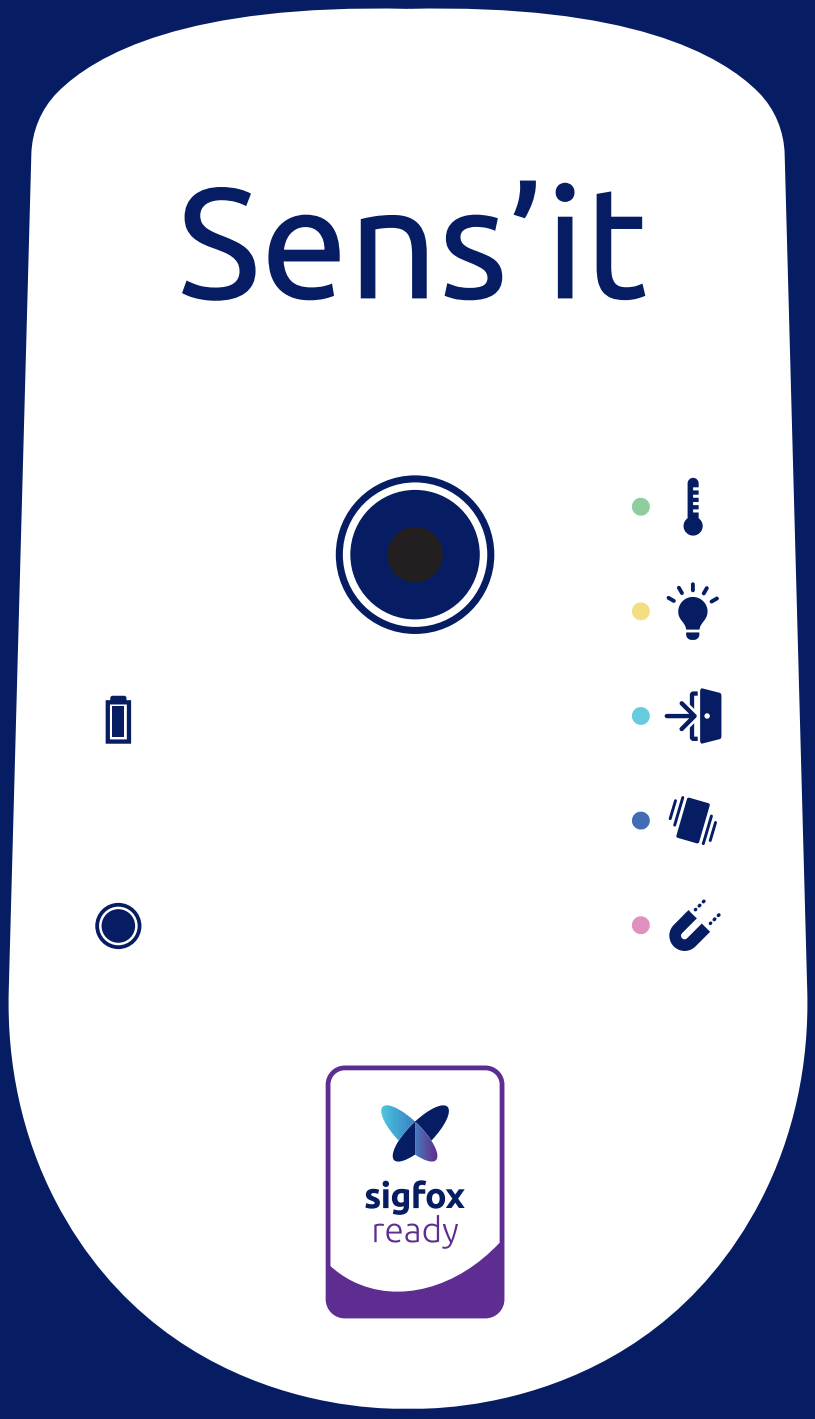
Sens’it



USER MANUAL

www.sensit.io

SUMMARY

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 scratch
* 1 Sens'it user manual

II. PRESENTATION

Sens'it is a connected device whose objective is to demonstrate 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:

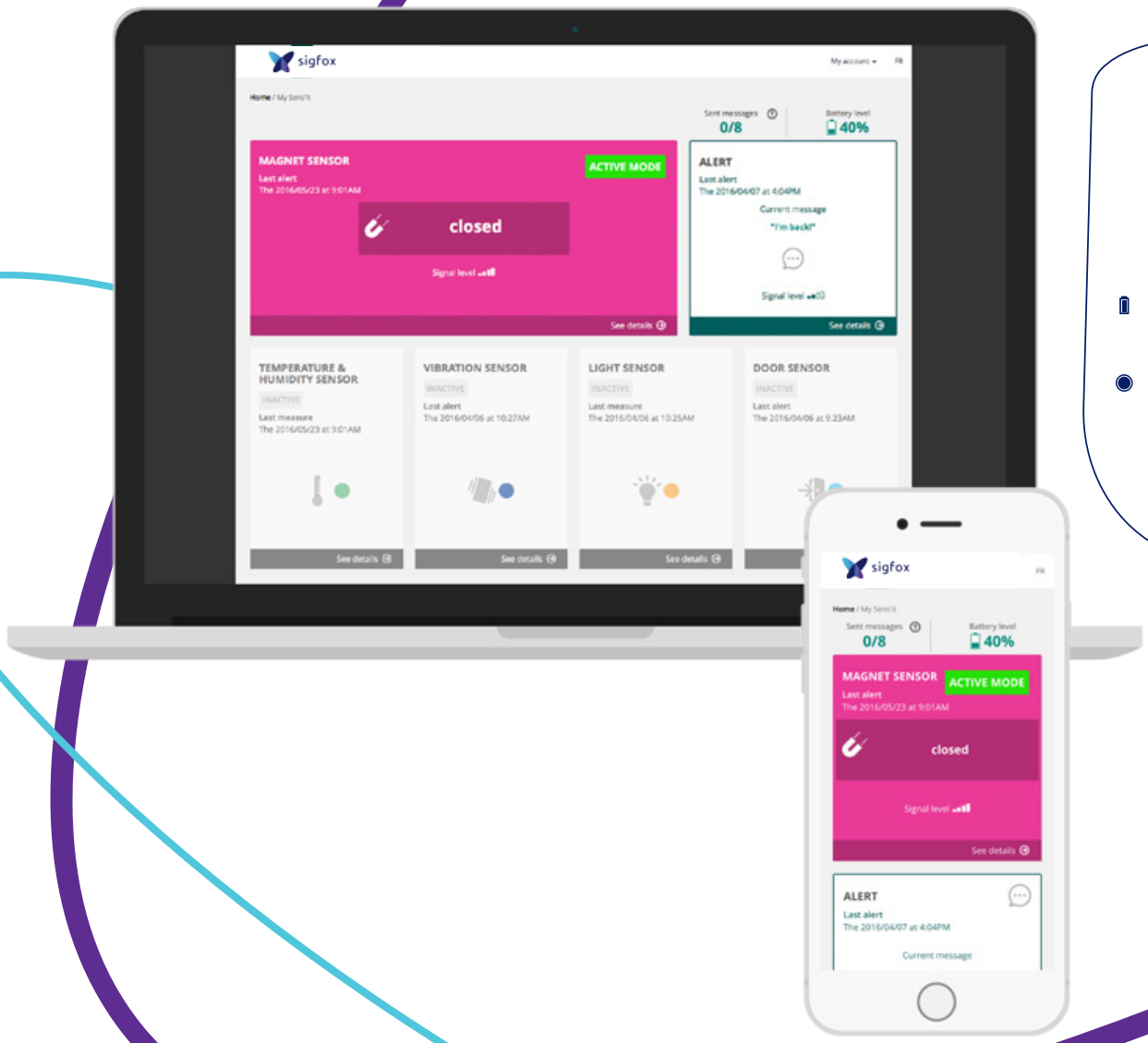
* One long press on the central button will make the Sens'it change mode.
* On double press and the Sens'it will directly send a message.
* On short press and the LED will blinks in the current mode color.

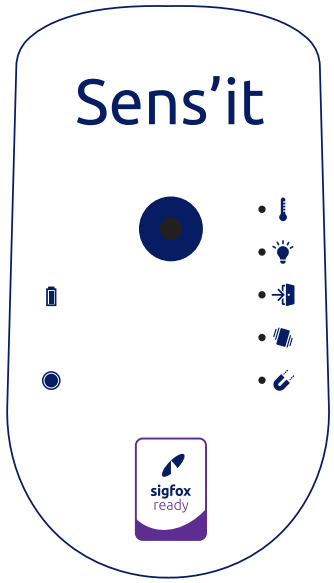
CHARGING

* To recharge the Sens'it, a micro USB cable is needed.
* Once plugged, the secondary RED LED will turn on. It turns 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 monitor data but also to configure email, sms or web notifications depending on the current mode of the Sensit.
* iPhone and Android apps are also available in app stores.
* An API for developers is available on api.sensit.io





Temperature & humidity

Light

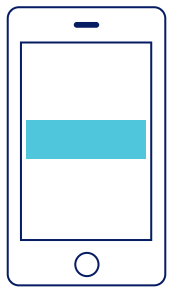
Door opening detection

Movement or vibration

Magnet

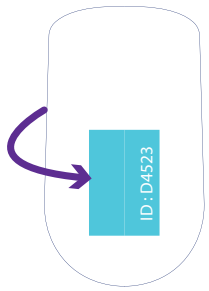
Alerting

III. HOW TO START



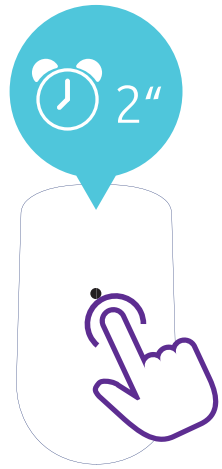
Visit **www.sensit.io** and click on “Start with your Sens’it”

1



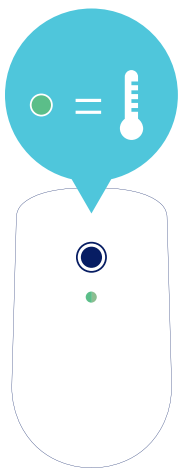
Use the ID printed at the back of your Sens’it

2



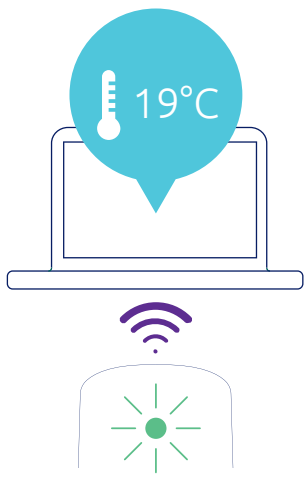
Long press on the main central button

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

IT ALSO INCLUDES

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

TECHNICAL CHARACTERISTICS

Includes a 250mAh LiPo battery
Dimensions (W x H x D): 48 mm x 85 mm x 14 mm
Radio characteristics
Sens'it is Sigfox Ready Class 0

TRANSMISSION AND RECEPTION DETAILS

(Depending on local Radio Configuration)
Frequencies Used: 868-870 MHz, 902-905Mhz or 920-922Mhz
Emission power: 14 dBm or 22dBm

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
(1) this device must accept any interference received, including interference that may cause undesired operation.

3. CE

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*

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