



WE USE
ULTRASOUND
TO SEND AND RECEIVE
**DATA OVER
THE AIR**

With it's STIMCOM technology, STIMSHOP creates a new wireless communication solution via ultrasonic signals (radio frequencies free) through existing speakers and microphones.

It's relevant in explosive areas, electrosensitives zones and for ultra secured issues. EDF French Nuclear plants already use this new technology for Machine To Machine communication and maintenance in mobility.

This patented technology is tested and approved by Orange Lab.

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**Business
Partner**





■ Universal

Ultrasonic presence detection via smartphone microphone

■ Secured

Guarantee location in the zone

■ Standalone

Battery powered

The ultrasonic wave is constrained by walls and windows.

With the HBEACON box, intuitively create zones of interaction that fit the shape of the place. Ideal to simply create geolocation services, local interactions, authentication, registration.

- Presence detection
- Hybrid ultrasound / Bluetooth
- On battery

Technical specifications

Black plastic case

dimension: 67 x 67 x 32mm

weight: 120g

3.6V LR14 battery power supply

5V micro USB power supply option

Mobile setup application Secure Bluetooth connection, ultrasonic signal setting, battery meter, ultrasound reception test.

Features

- **internal clock**, sleep timer (hours, days)
- **iBeacon**: power (-40db to + 4dB), frequency > = 20ms, UUID edition, minor, major, security
- **ultrasound**: distance 1 to 10m, 4 channels (18kHz to 21 kHz), frequency (second)