



SENSOR BIKE

SENSOR BIKE Bluetooth

Technical details:

Size: 40x40x20 mm

Battery: CR2450 (replaceable)

Connectivity: Bluetooth 4.0 (Bluetooth Low Energy)

Range: 100m theoretical, 60m actually

Compatibility: Devices with iOS 8 and later, and Android 4.4 and later with Bluetooth Low Energy



How does it work?

SENSOR BIKE Bluetooth is a Bluetooth device that connects to an app running on your phone. The phone app can monitor the distance between the phone and device by analyzing the power level of the received signal.

Bluetooth Low Energy

The device uses a new kind of radio called Bluetooth Low Energy. Bluetooth Low Energy consumes 50 times less power than Bluetooth Classic. This amazing technology enables the device to have up to 1 year battery life while maintaining its small size.

SENSOR BIKE Sigfox

Technical details:

Size: 80x40x20 mm

Battery: LiPo 350MAH (rechargeable)

Connectivity: SIGFOX 868MHz

Power supply: micro USB 5V and 12V connector

Compatibility: Devices with iOS 8 and later, and Android 4.4 and later with Bluetooth Low Energy

3D Accelerometer





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SENSOR BIKE Sigfox is a GPS device with integrated communication module that can be used to track your bike or motorbike. No installation is needed. It uses a GPS receiver for geo-localization and an internal accelerometer to detect motion. Additionally, its internal rechargeable battery assures operation up to 3 months.

SENSOR BIKE Sigfox communicates with our servers and offers connection via API to different services. A backend and app are available which allows access to device information and notification services.

How does it work?

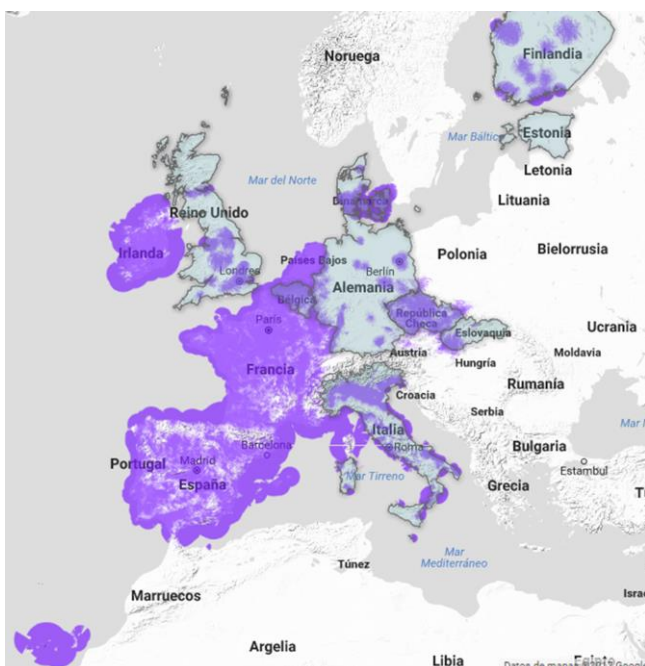
SENSOR BIKE Sigfox is kept in sleep mode until a movement is detected. At that moment, it wakes up and sends an alert to the cloud warning about the movement and starts to search for a GPS signal. As soon as a GPS signal is reached, its location is sent to the server where this is processed and stored for later check by the user. GPS location is acquired periodically while the device is moving. Frequency of updates can be adjusted from the backend.

In addition, this device detects falls and warns the person designated by the user to alert of a possible accident.

Where can it be used?

SENSOR BIKE Sigfox is using SIGFOX as communications technology, offering wide coverage in some countries around Europe. For detailed map of coverage, please check:

www.sigfox.com/coverage



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