

## PRODUCT DATASHEET

# GLOBAL TAG **KEYFOB BEACONY (BLE)**



Global Tag **KEYFOB BEACONY** is Beacon Bluetooth Low Energy (version 4.0 smart) tag with keyfob form for people tracking or car parking management.

With Button can be shut down to reduce battery consumption and also to send message at system

With replaceable battery can reach reading distance 50meters.

Design to operate with iOS 7.0 and Android 4.3+ system.

BLUETOOTH  
LOW ENERGY

NEW PRODUCT



## MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

**Dimensions:** 61x39x15mm / 2,40x1,53x0,59in

**Mounting System:** Adhesive 3M 467 (or similar on request). Optionally keychain and neck string

**Weight:** 50gr.

**Material:** ABS

**Color:** generally grey silver, available on demand other colors (MOQ can be request)

**Class Protection:** IP42

**Battery type:** CR2477 1000mAh. Replaceable.

**Battery life:** up to one year. Red LED will flash when battery goes low.

**System-On-Chip (SoC):** CC2540/CC2541 BLE 4.0 module

**Button ON/OFF:** to activate/shutdown beacon device

**LED:** for battery notification status, ON/OFF device

**Storage Temperature:** -25°C to +50°C / -13°F to +122°F

**Operating Temperature:** -25°C to +50°C / -13°F to +122°F

**Delivery format:** Singulated

**Expected lifetime:** Years in normal operating conditions

## ELECTRONIC AND OPERATIVE PARAMETERS

**Operation Frequency:** 2400-2483,5MHz

**IEEE Standard:** 802.15.1 (Bluetooth 4.0 Low Energy BLE)

**Transmission distance:** 50meters

**Default Ping Rate:** 500ms

**Ping Rate interval:** 100ms to 10000ms. (step of 100ms)

**Support Operating System:** iOS7.0 and Android 4.3+

**Accurate digital RSSI**

## UID NUMBER AND ADVERTISING PACKET

**UID Address :** 6 Byte Unique identifier

**Advertising Size:** 30bytes

**Proximity UUID:** 16bytes (including in advertising packet)

**Major:** 2bytes (including in advertising packet)

**Minor:** 1byte (including in advertising packet)



## **CUSTOMIZATION OPTIONS**

**Silk Printing** : printing logo or serial number

**Temperature Sensor**

## **INSTALLATION MODE**

**With 3M Adhesive:** when mounting the tag with adhesive background, clean and dry the surface for obtaining maximum bond strength.

## **APPLICATION NOTE**

**Safety and Security for people tracking**

**Smart cities application:** ZTL system tracking, smart parking etc.

**Turism and free time:** virtual museum guide, events etc.

**Marketing Management**

## **CERTIFICATIONS**

**iBeacon License**

**CE Regulations (Included EN300328, EN301489, EN60950, EM62479)**

**FCC Regulations (FCC Part 15)**

## **ORDER INFORMATION**

**PRODUCT CODE KEYFOB BEACONY:** GT-KFBY-BLE

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

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