

**PRODUCT DATASHEET**

**GLOBAL TAG WALL MOUNT BEACONY (BLE)**

Global Tag **WALL MOUNT BEACONY** is a BLE (Bluetooth Low Energy 4.0) Beacon with rugged, waterproof and flexible form that can be used for indoor/outdoor applications.

Several parameters of the beacon can be set, using the dedicated app "GT\_Beacony\_APP".

It is supplied with CR2032 battery (DURACELL®), which can be easily replaced thanks to the interlocking open/close system of the Polycarbonate case. If required, it can be supplied with metal ring.

It can reach reading distance up to 90 meters.

Compatible with iBeacon and Eddystone, it has been designed to operate with iOS 7.0 and Android 4.3+ system.

On demand, it can be supplied with **accelerometer** and/or **temperature/humidity sensor**.



BLUETOOTH  
LOW ENERGY

NEW PRODUCT

CE

RoHS  
Compliant

**MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS**

**Dimensions:** 75x35mm / 2,95x1,37 inches

**Thickness:** 11mm / 0,43 inches

**Mounting System:** 1,8 mm foam layer with 3M 467 dual side adhesive / Screw

**Weight:** 18gr.

**Material:** Silicone (external case) – Polycarbonate (internal plastic case)

**Color:** White, Red, Green, Blue. Other on demand (also from pantone).

**Class Protection:** IP65

**Battery type:** CR2032 replaceable (DURACELL®).

**Battery life:** One year (with ping rate: 1 second and power -6dB)

**System-On-Chip (SoC):** Nordic 51822 (256 KB)/Ti CC 2541 BLE 4.0 module

**Storage Temperature:** -15°C to +50°C / 5°F to +122°F

**Operating Temperature:** -15°C to +45°C / 5°F to +113°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:** up to 90meters

**Transmission Power:** 4 different Level (-23dBm / -6dBm / 0dBm / +4dBm)

**Default Ping Rate:** 1S

**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

**Available sensors**: Accelerometer and/or temperature/humidity sensor

## INSTALLATION MODE

**Foam layer with 3M adhesive**: Before mounting the tag with the foam layer layer placed background, clean and dry the surface to obtain the maximum bond strength.

**With Screw**: If you want to apply to the wall can be use a screw.

## APPLICATION NOTE

Outdoor asset tracking

Vehicle Access control

## CERTIFICATIONS

iBeacon License

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

FCC Regulations (FCC Part 15)

## PRODUCT CODE AND ORDER INFORMATION

**GT-WLBY-BLE**: Wall Mount Beacony without sensors (also available with Ti CC 2541)

**GT-WLBY\_A-BLE**: Wall Mount Beacony with **accelerometer**

**GT-WLBY\_TH\_BLE**: Wall Mount Beacony with **temperature/humidity sensor**

**GT-WLBY\_ATH-BLE**: Wall Mount Beacony with **accelerometer** and with **temperature/humidity sensor**

For any clarification, please do not hesitate to contact us at any time:

**Global Tag Srl** – Via Zanardelli 13/A, 25062 Concesio (BS) - Italy

P +39 030 2005259

S [global-tag](mailto:global-tag)

W [www.global-tag.com](http://www.global-tag.com)

M [info@global-tag.com](mailto:info@global-tag.com)

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