PRODUCT DATASHEET
GLOBAL TAG WALL-MOUNT BEACONY (BLE)

BLUETOOTH
LOW ENERGY

NEW PRODUCT

CE

RoHS Compliant

Global Tag **WALL-MOUNT BEACONY** is a BLE (Bluetooth Low Energy 4.2) **Smart Beacon** based on Disk Beacony, with silicone keyfob housing. It can be used for asset tracking and maintenance.

➢ Waterproof silicone housing
➢ ON/OFF button with additional functions (reset, alarm)
➢ Battery CR2032 replaceable
➢ Press-fit housing closure
➢ Up to 200m detection distance
➢ iBeacon and Eddystone (UID, URL, TLM) compliant
➢ Sticker with Mac Address (and its QRcode) and Friendly Name on the beacon surface
➢ Optionally, **accelerometer, temperature/humidity sensor**
➢ Optionally, **NFC** integrated
➢ Choice between a wide range of Firmwares

_____ **MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS**

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

Thickness: 12mm / 0,47 inches

Weight: 17,5gr.

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

Color: White (Customized on request).

Class Protection: IP67

Battery type: CR2032 replaceable (Panasonic®).

Battery life: One year (with Broadcast Interval: 1 second and Tx Power: 0dB)

System-On-Chip (SoC): Nordic NRF 52810

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

G-Sensor: ST Microelectronics mod. LIS3DH

Temperature/Humidity Sensor: Sensirion mod. SHT3x-DIS

ELECTRONIC AND OPERATIVE PARAMETERS

Operation Frequency: 2400-2483,5MHz

IEEE Standard: 802.15.1 (Bluetooth 4.2 Low Energy BLE)

Transmission distance: up to 200meters

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

Default Ping Rate: 1s

Ping Rate interval: 100ms to 10000ms. (step of 100ms) – Except optional "longer broadcast interval FW"

Support Operating System: iOS7.0 and Android 4.2+

Scan Response: Yes (max 31Byte Length), containing Battery level, Device name (11Byte), Sensors value

CUSTOMIZATION OPTIONS

Housing Printing : Logo printing or serial number laser engraving

Label on surface: Label can be customized according to customer's request

Setting / Encoding: Beacons services values can be pre-set as per customer's requirement (from xls file)

Available sensors: Accelerometer and/or temperature/humidity sensor

Firmware: Different FW are available, which can be uploaded on request

INSTALLATION MODE

Rivets: Wall-Mount Beacony can be mounted with screws or rivets, thanks to the lateral holes of the tag.

APPLICATION NOTE

Asset Tracking
Maintenance
Indoor/Outdoor Positioning

PRODUCT CODE AND ORDER INFORMATION

GT-WLBY-BLE: Wall Mount Beacony without sensors

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:

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DISCLAIMER