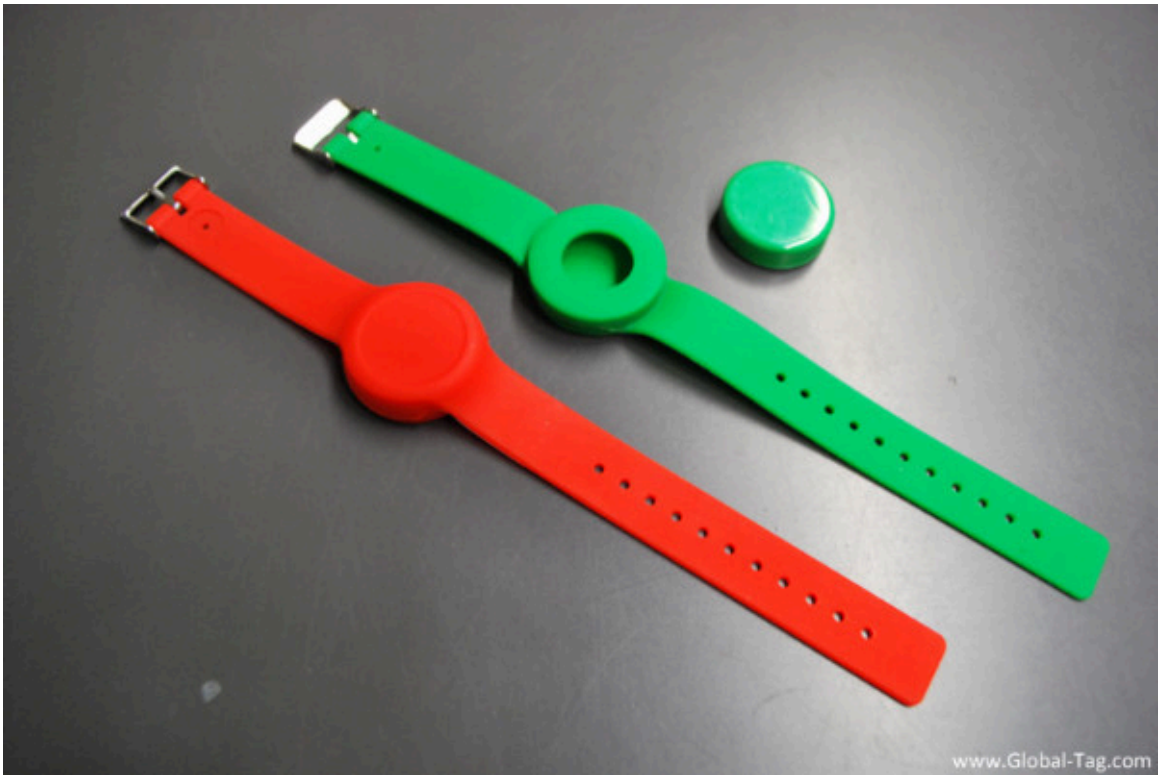
WRISTBAND BEACONY (BLE)



BLUETOOTH LOW ENERGY

CE RoHS

Global Tag WRISTBAND BEACONY is a BLE (Bluetooth Low Energy 4.2) Smart Beacon designed for people monitoring and workers safety.

- ➢ Waterproof silicone case
- ➢ Anti-removal clip
- ➢ 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: length = 240mm / 0,94in, width = 18mm / 0,71in, watchcase diameter = 34mm / 1,34in
Thickness: 12mm / 0.3937in
Weight: 25gr (including battery)
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 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 Microelecronics 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 Broadcast Interval: 1s.
Broadcast 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
FCC and CE Certification

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

APPLICATION NOTE:

Indoor People Positioning, Patient Tracking, Worker Safety, People Access Control

PRODUCT CODE AND ORDER INFORMATION:

GT-WRSBY-BLE: wristband Beacony without sensors
GT-WRSBY_A-BLE: wristband Beacony with accelerometer
GT-WRSBY_TH _BLE: wristband Beacony with temperature/humidity sensor
GT-WRSBY_ATH-BLE: wristband 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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