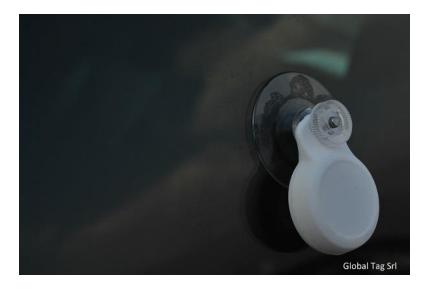


PRODUCT DATASHEET GLOBAL TAG SUCTION CUP BEACONY (BLE)





Global Tag **SUCTION CUP BEACONY** is a BLE (Bluetooth Low Energy 4.2) **Smart Beacon** based on disk Beacony with special form (in silicone) designed for glasses and where removal is needed.

- 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
- LED function for Pick to Light
- > Optionally, accelerometer, temperature/humidity sensor
- > Optionally, NFC integrated
- Choice between a wide range of Firmwares

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 70x37mm (max size) / 2,76x1,45in
Thickness: 33mm / 1.30in
Weight: 19,5gr (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 <u>Broadcast Interval</u>: 1 second and <u>Tx Power</u>: 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

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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

Retail Marketing Outdoor Asset Tracking Indoor Positioning Smart Car Dealer tracking Pick-to-light Maintenance

PRODUCT CODE AND ORDER INFORMATION

GT-SCPBY_BLE: Suction Cup Beacony without sensors GT-SCPBY_A-BLE: Suction Cup Beacony with accelerometer GT-SCPBY_TH _BLE: Suction Cup Beacony with temperature/humidity sensor GT-SCPBY_ATH-BLE: Suction Cup 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

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DISCLAIMER

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