

PRODUCT DATASHEET

GLOBAL TAG **CUBIC-R BEACON** (BLE)



Global Tag **CUBIC-R BEACON** is Rugged Beacon Bluetooth Low Energy (version 4.0 smart) for indoor and outdoor use.

Available with or without rivet holes and with adhesive is very easy way to attach on asset or container. With replaceable battery has very long reading range, up to 100meters.

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

BLUETOOTH
LOW ENERGY

NEW PRODUCT



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 72x45x22mm / 2,83x1,77x0,87in

Mounting System: Adhesive 3M 467 or rivet holes

Weight: 70gr. without battery

Material: ABS

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

Class Protection: IP65

Battery type: 2xAA Battery. Replaceable.

Battery life: up to five years.

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

Button ON/OFF: to activate/shutdown beacon 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: 130meters

Default Ping Rate: 500ms

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

Broadcasting interval: 300ms to 25500ms. (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

INSTALLATION MODE

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

With Screws: Size M4.

With Pop Rivet: Size 4mm. We have available rivet and also optional Manual pistol rivet.



Note: Screw or Pop Rivet are recommended to be used in every application that includes risk for high mechanical stress or low temperature during tag fixing with adhesive.

APPLICATION NOTE

Tracking Container

Railways application

Marketing Management

Asset inventory

CERTIFICATIONS

iBeacon License

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

FCC Regulations (FCC Part 15)

ORDER INFORMATION

PRODUCT CODE CUBIC-R BEACONY: GT-CURY-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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DISCLAIMER

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