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NEW



BlueBeacon Slim Tag

BlueBeacon Slim Tag is a battery-powered Bluetooth Low Energy beacon. With second-generation hardware based on nRF52832 SoC, energy consumption has been improved. It simultaneously supports multiple technologies: iBeacon, Eddystone (full support, with GATT and EID), Quuppa (emulation mode). It also supports the new Safety packet.

BlueBeacon Slim Tag can be used as an identification tag for assets. By using the internal accelerometer, it can be configured to automatically enter into low-power mode for battery savings.

BlueBeacon Slim Tag uses a couple of CR2032 coin batteries that are easily replaceable by simply removing the back cover fixed by 4 screws.

Advertising

8 slots configurable for non-connectable advertising frames:

- 4 slots, each configurable for Eddystone frame types: UID, URL, TLM or EID. Full support for specifications [Eddystone Configuration GATT Service](#) by Google

- 4 slots, each configurable for the following frame types: iBeacon, Quuppa (Direction Finding packet)

Advertising interval (independently configurable for each slot): 0.1 to 5 secs

TX power (independently configurable for each slot): -40 dBm, -20dBm to 4 dBm (with 4dB steps)

Additional configuration options: non-connectable mode, anonymous mode, programmable time period, orientation/motion-detection mode, locked/unlocked mode, change password

Support for *Safety* packet: beacon ID, battery status, motion detection, button-press (short/long), man-down detection

Configurable with BlueBeacon Manager App for [Android](#) and [iOS](#)

Default settings

Slot 1, 2, 3, 4: not configured

Slot 5: iBeacon (UUID = ACFD065E-C3C0-11E3-9BBE-1A514932AC01, ADV interval = 400 msec, TX power = -8dBm)

Slot 6, 7, 8: not configured

Global configuration: connectable, locked

Radio

Version: Bluetooth 4.2, Low Energy (Bluetooth5-ready)

Frequency: 2.402 to 2.480 GHz

Module: Nordic SoC nRF52832 (MCU and transceiver)

Antenna: printed meandered planar F-antenna



Replaceable: Yes

Model: 2x CR2032 (450 mAh typ. capacity at 25°C)

Expected life: 3 months to 9 years, 24/7 at ambient temperature (depending on configuration); 18 months with default settings;

Enabling Accelerometer-based Modes can significantly increase battery life

Operating temperature: -20°C to +60°C

Sensors

Accelerometer: 3-axis linear accelerometer

Enclosure

Material: ABS plastic

Color: white (your logo silk-screen printing are available on demand; optional colors available)

Size: 63 x 30 x 8 mm

Weight: 17 gr

Fastening: double-sided tape, slots for clamps/screws

Protection: IP40

Certifications

CE (EU), FCC (US)

[Technical documentation](#)

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iBeacon technology creates a small area of detection for Bluetooth 4.0 enabled mobile devices. BlueBeacon devices uses iBeacon licensed technology, and have been certified by BlueUp to meet Apple Proximity Beacon Specifications



Eddystone is a protocol specification that defines BLE formats for proximity beacon advertising, with different frame types that may be used individually or in combinations. BlueBeacon Mini is certified from Google for full support for Eddystone specifications.

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