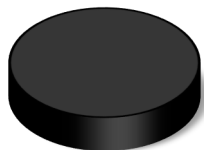


Description



easiBeacon Mini (iB001/e): round form-factor, 2.5 cm diameter and CR2032 battery. Small, cheap and convenient, it can be hidden anywhere.

Default configuration

easiBeacon units come already pre-configured with the following default values:

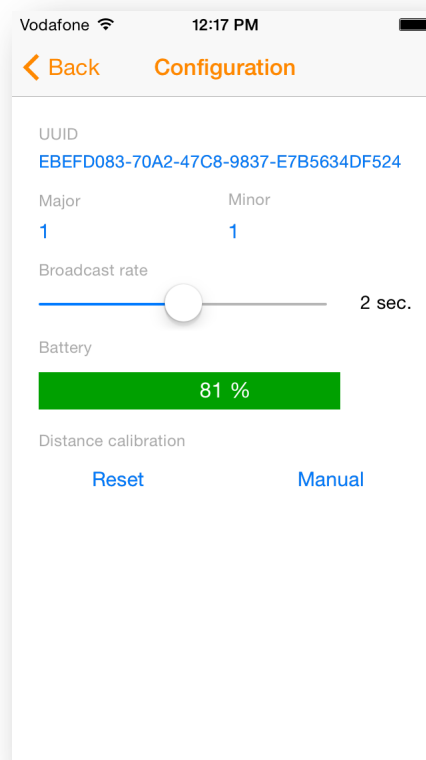
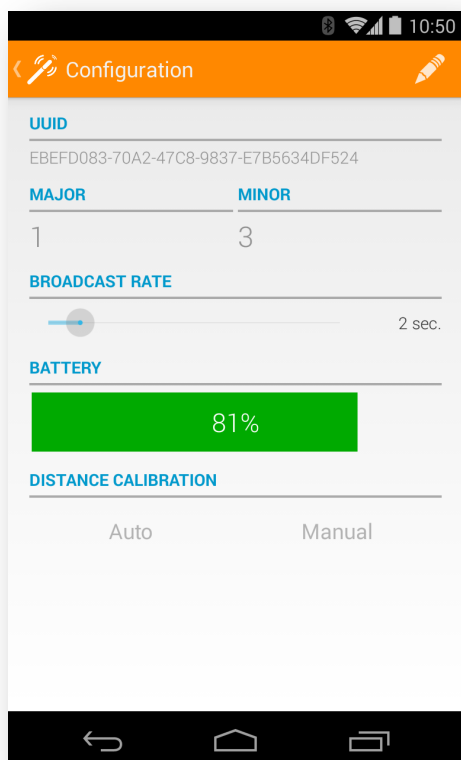
| | |
|-----------------------|--------------------------------------|
| UUID | EBEFD083-70A2-47C8-9837-E7B5634DF524 |
| Major | 1 |
| Minor | 1 |
| Broadcast rate | 0x14 (20 x 100 ms = 2 seconds) |
| TX Power | -75 dBm |

These and all the other parameters can be configured via our configuration app.

Configuring your easiBeacon unit with the app

In order to configure your easiBeacon unit, you must wake-up the device for configuration

1. Open the easiBeacon app and search for surrounding easiBeacons. Units ready for configuration will appear in orange color.
2. Click on the unit you want to configure and enter the password or click on default password if you did not change it. **IMPORTANT NOTE: if the password is wrong, no warning is displayed, and you can still check and edit the parameters, but changes will be discarded.**
3. Now you can modify the parameters as desired. After configuration please go back to the main screen to finish configuring the easiBeacon unit and save changes.



Replacing the battery of your easiBeacon Mini

IMPORTANT: Please, be careful manipulating the electronics, follow all the regular recommendations about discharging static electricity.

Our new black rubber housing is very nice to touch, robust, high quality, and provides an hermetic closing. The easiest way to open it (for instance for battery replacement) is to insert the edge of a cutter (or very sharp tool) over the part of the closing that looks more separated, apply a small pressure with the edge of the cutter to allow it enter in that separation and then open it by inclining/moving the edge of the cutter.

1. Open the easiBeacon tag and insert the battery properly (the + side facing the visible window on the battery holder).
2. Optional: check with the easiBeacon Management App that you can discover the devices.
3. Optional: insert the tag in the case with the electronics part facing the thinner part of the case (the one with the radio waves symbol). Push gently and close the case.
4. There may be slight differences in the thickness of CR2032 batteries available in the market. The one we provide (Panasonic) is thin and appropriate for the board and case.



Apps and platform development

Our easiBeacon units are suitable for the creation of any proximity-aware iOS or Android app with or without associated cloud-based content management service. Official iOS libraries (CoreLocation¹) and Android libraries (Bluetooth Low Energy²) can be used to create your own apps, as well as most of third-party libraries which are wrappers of the official Apple™ and Google™ libraries.

If you want us to develop all or part of your app, or have a customized version of our cloud-based content management service, please contact us at info@easibeacon.com and we will be happy to study your case.

Contact information

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¹ https://developer.apple.com/library/ios/documentation/CoreLocation/Reference/CoreLocation_Framework/_index.html

² <https://developer.android.com/guide/topics/connectivity/bluetooth-le.html>