



# RadBeacon Dot



by Radius Networks



RadBeacon Dot is a fully standalone Bluetooth Smart™ proximity beacon using iBeacon™, AltBeacon™, and Eddystone™ technology.

The RadBeacon Dot proximity beacon is lightweight, small in size and easy to deploy. It's the perfect beacon for conferences, trade shows and other events where power may not be readily available and ultimate flexibility in placement is most important.

Below, you will find more information about your RadBeacon, including how to configure your beacon using the RadBeacon Configuration App available on the iTunes App Store.



*RadBeacon is an iBeacon™ Licensed Product that has been designed and certified by Radius Networks to meet Apple performance standards.*



*RadBeacon has been designed and certified to conform to the AltBeacon proximity standard and is compatible with AltBeacon-enabled applications*



*RadBeacon has been designed and certified by to conform to the Eddystone Open-beacon standard and is compatible with Eddystone-enabled applications*

## Settings

### Configurable Advertisements:

iBeacon | AltBeacon | Eddystone UID | Eddystone URL

### Configurable Advertisement Rate:

1Hz - 10Hz

### Configurable Transmit Power:

+4dBm to -20dBm

## Hardware

### Form Factor:

Plastic Tag - 35mm x 35mm x 15mm

### Electrical Interface:

CR2032 Coin Cell Battery

### Operating Temperature

-10°C to +65°C

## Battery Life

### Advertising Rate

High - 100ms

Medium - 500ms

Low - 1000ms

### Battery Life

30 Days

145 Days

285 Days

## Certifications

### Bluetooth

Bluetooth controller subsystem

### FCC

FCC part 15 modular qualification

### CE

EN300328, EN301489

### IC

Industry Canada Modular Qualification

## Bluetooth Radios

### Version:

4.0 (Bluetooth Smart)

### Frequency:

2.402GHz to 2480GHz

### Transmit Power:

+4dBm to -20dBm

### Typical Line-of-Sight Range:

5m to 50m

### Antenna:

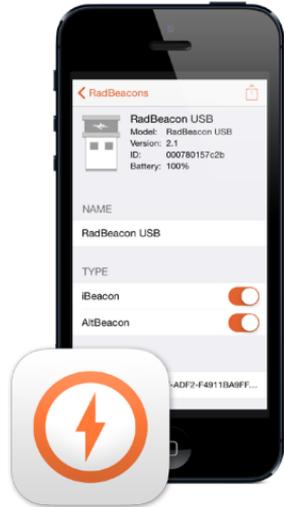
Integrated PCB



## RadBeacon Configuration App

With the RadBeacon app you can scan for nearby configurable RadBeacon proximity beacons, display their operating settings and make modifications to those settings. Configuration of beacons requires a eight (8) digit PIN. The factory default PIN is '0000-0000.' It is highly recommended that you make a priority changing the PIN for your RadBeacon device.

Beacons are only configurable for a period of 30 minutes after they are initially powered. After this 30 minutes period elapses, the beacon will no longer be connectable from other Bluetooth 4.0 devices. This feature is a security precaution to limit the possibility of third party manipulation of your beacons once they have been installed and configured.



## RadBeacon Configuration Window

If you are unable to discover your RadBeacon Dot using the RadBeacon Config App, configurable mode can be re-initiated for RadBeacon Dot beacons by holding down the device's button for 5 seconds until the beacon begins flashing green. This will restart the configuration window and your beacon should show up in subsequent scans.

### Questions?

Visit [support.radiusnetworks.com](http://support.radiusnetworks.com) for more information on RadBeacon and other Radius Products.