

# RADBEACON CHIP

## Portable, lightweight, compact beacon technology.

The RadBeacon Chip is a fully stand-alone Bluetooth 5 proximity beacon that supports iBeacon™, AltBeacon™, and Eddystone™ technology. It replaces the RadBeacon Dot in the Radius Networks product line. The RadBeacon Chip is portable, lightweight, small in size, and easy to deploy. It can be utilized in any location, regardless of available power, and provides proximity advertisements for mobile applications that are compatible with iBeacon, AltBeacon, and Eddystone standards, including the Physical Web™. The RadBeacon Chip is battery-powered and perfect for conferences, trade shows, and other events where power may not be readily available.



### HARDWARE

**Size:** 32 x 23 x 3.3mm

**Weight:** 6.5g

**Colors:** White

**Form Factor:** Card shape, slim

**Electrical Interface:** CR2016, non-replaceable

**Operating Temperature:** -40°C to 60°C (-40°F to 140°F)

### BLUETOOTH RADIOS

**Version:** Bluetooth 5

**Frequency:** 2.402 GHz to 2480 GHz

**Transmit Power:** +4dBm to -30dBm

**Transmission Range:** 50m

**Antenna:** Omnidirectional PCB antenna

### CERTIFICATIONS

**Apple iBeacon™:** iBeacon Licensed Product

**Eddystone™:** Eddystone Licensed Product

**Bluetooth:** Bluetooth controller subsystem

**FCC:** FCC Part 15

**CE:** EN300328, EN60950, EN62479

### SETTINGS

#### Configurable Advertisements:

iBeacon

AltBeacon (Beacon ID | Reference RSSI)

Eddystone-UID

Eddystone-URL (Physical Web)

**Advertisement Rate:** 1Hz - 10Hz

**Transmit Power:** +4dBm to -20dBm

### BATTERIES

**Battery Life:** Up to 210 days at 1 Adv @ 0 dBm

**Included:** CR2016, non-replaceable

CONTACT US:

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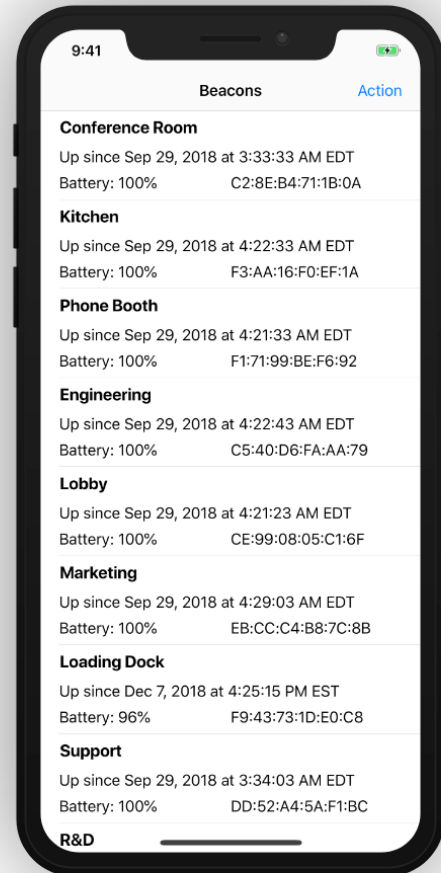
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## RADBEACON E CONFIGURATION APP

With the RadBeacon E app you can scan for nearby configurable RadBeacon E proximity beacons, display their settings and make modifications to those settings. Configuration of beacons requires a key. It is highly recommended that you make a priority changing the key for your RadBeacon E device.

The RadBeacon Chip uses key-based authentication to limit the possibility of third party manipulation of your beacons once they have been installed and configured. The RadBeacon Chip device and configuration app are preconfigured with a default key. Custom keys can be exported so they can be backed up and shared with colleagues.



## QUESTIONS?

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