

# RADBEACON E8

## Ruggedized, weatherproof beacon technology.

The RadBeacon E8 is a fully stand-alone Bluetooth 5 proximity beacon that supports iBeacon™, AltBeacon™, and Eddystone™ technology. The RadBeacon E8 is a rugged, weatherproof, and temperature-resistant proximity beacon powered by eight D batteries. It can be installed 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™.



### HARDWARE

**Size:** 160 x 170 x 45mm

**Weight:** 400g (without batteries)

**Colors:** White

**Form Factor:** Waterproof IP67

**Electrical Interface:** Quad D battery clips

**Operating Temperature:** -30°C to 70°C (-22°F to 158°F)

**Mounting:** Mounting plate with VESA 75 x 75 compatible mounting holes and strap points. Includes 4x screws and anchors.

### BATTERIES

**Battery Life:** Up to 1,527 months at 1 Adv @ 0 dBm

**Included:** 8x D batteries

### CERTIFICATIONS

**Apple iBeacon™:** iBeacon Licensed Product

**Eddystone™:** Eddystone Licensed Product

**Bluetooth:** Bluetooth controller subsystem

**FCC:** FCC Part 15

**CE:** EN300328, EN60950, EN62479

**IC:** Industry Canada Certification

### SETTINGS

#### Configurable Advertisements:

iBeacon

AltBeacon (Beacon ID | Reference RSSI)

Eddystone-UID

Eddystone-URL (Physical Web)

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

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

### BLUETOOTH RADIOS

**Version:** Bluetooth 5

**Transmission Range:** 300m

**Antenna:** External RP-SMA Female Connector, includes 3.2dBi straight whip antenna

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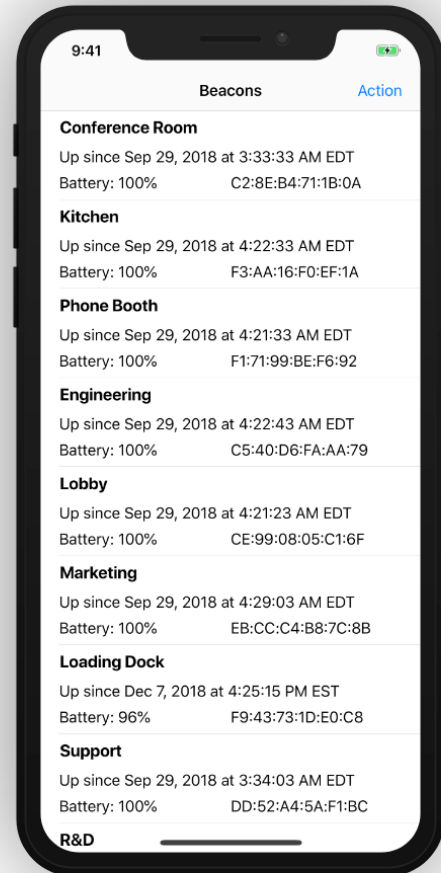
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## RADBEACON E CONFIGURATION APP

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 E8 uses key-based authentication to limit the possibility of third party manipulation of your beacons once they have been installed and configured. The RadBeacon E8 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.