

RADBEACON E2

Ruggedized, weatherproof beacon technology.

The RadBeacon E2 is a fully stand-alone Bluetooth 5 proximity beacon that supports iBeacon™, AltBeacon™, and Eddystone™ technology. The RadBeacon E2 is a rugged, weatherproof, and temperature-resistant proximity beacon powered by two AA 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: 72 x 45 x 22mm

Weight: 50g

Colors: White

Form Factor: Waterproof IP66

Electrical Interface: Dual AA battery clips

Operating Temperature: -20°C to 55°C

Mounting: High-strength, durable adhesive

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: 200m

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

IC: Industry Canada

BATTERIES

Battery Life: Up to 64 months (1 ADv @ 0 dBm)

Included: 2x AA batteries

CONTACT US:

202-681-9434

hello@radiusnetworks.com

support.radiusnetworks.com

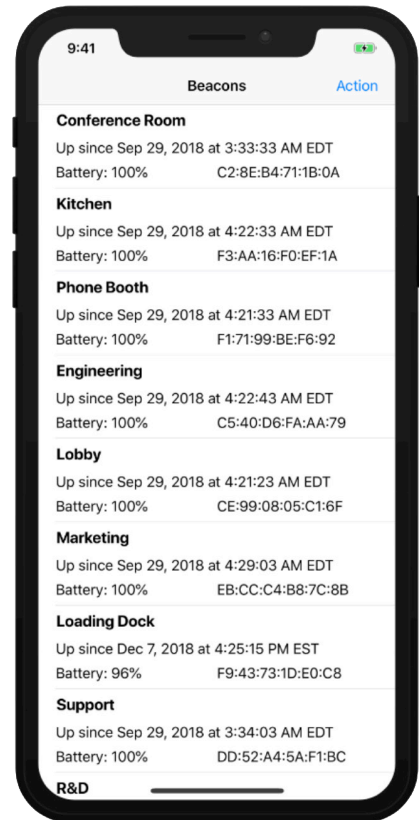
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RADBEACON CONFIGURATION APP

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 E2 uses cryptographic challenge response authentication to limit the possibility of third party manipulation of your beacons once they have been installed and configured. The RadBeacon E2 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.



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