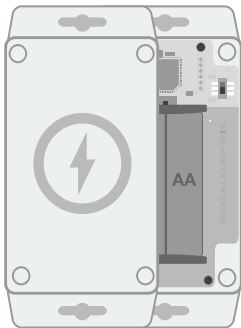




RadBeacon X4

by Radius Networks



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 by Radius Networks to conform to the AltBeacon proximity standard and is compatible with AltBeacon-enabled applications

The RadBeacon X4 is a fully standalone Bluetooth Smart™ proximity beacon using iBeacon™ and AltBeacon™ technology.

The RadBeacon X4 is a rugged, weatherproof, and temperature-resistant proximity beacon powered by 4 AA batteries. It can be flexibly installed in any location, regardless of available power and provides proximity advertisements for mobile applications that are compatible with iBeacon and AltBeacon microlocation technology.

The RadBeacon X4 proximity beacon is easy to deploy, easy to maintain, reliable and long-lasting. It's the perfect beacon for any location regardless of power and can withstand the harshest operating conditions

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.

Settings

iBeacon Advertisement

UUID | Major | Minor | Measured Power

AltBeacon Advertisement

Beacon ID | Reference RSSI

Advertisement Rate:

1Hz - 10Hz

Transmit Power:

+4dBm to -20dBm

Hardware

Form Factor:

Polycarbonate NEMA 4x waterproof enclosure

Electrical Interface:

PCB mounted quad AA-battery clips

Operating Temperature

-40°C to 60°C (-40°F to 140°F)

Battery Life

Advertising Rate

High - 100ms

Medium - 200ms

Low - 1000ms

Battery Life

18 Months

36 Months

184 Months

Certifications

Apple iBeacon

iBeacon Licensed Product

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:

Ceramic chip monopole antenna

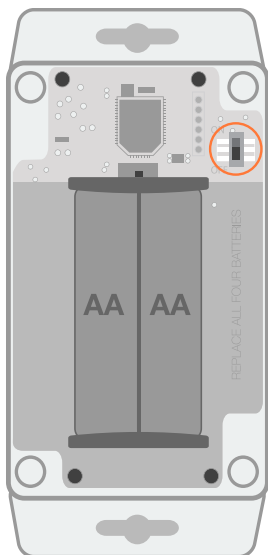
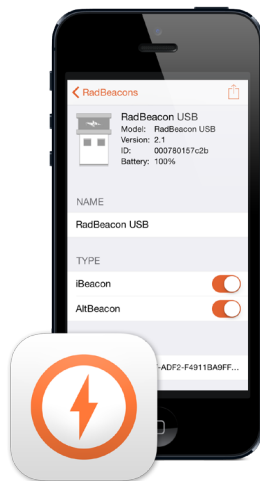
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RadBeacon Configuration App

With the RadBeacon app you can scan for nearby configurable RadBeacon proximity beacons, display their settings and make modifications to those settings. Configuration of beacons requires a four (4) digit PIN. The factory default PIN is '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 using the RadBeacon Config App, remove the plastic cover and toggle the configuration switch on the right side from on to off and back on again. This will restart the 30 minute configuration window and your beacon should show up in subsequent scans.

Questions?

Visit support.radiusnetworks.com for more information on RadBeacon and other Radius