

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, 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: 100m

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: CR2032, replaceable

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