



The Beacon specifications

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Beacon Features & Functions

Advertisement: iBeacon formatted scan response. Interval: Time between BLE advertisements. Configurable from 20ms to 10.24s over BLE connections.

TX Power: Transmit power (dBm) of BLE advertisements. Configurable to the following over BLE connection: -40, -20, -16, -12, -8, -4, 0, 2, 3, 4, 5, 6, 7, 8

Compatible with:

- VOS Systems Personal Safety Devices for location and small asset tracking
- VOS systems BLE gateways
- 3rd party systems

Dimensions	47.5mm x 29.5mm x 15.2mm
Weight	15.1 grams
BLE Technology	BLE 5.2
Battery	Lithium-Ion coin cell
Battery Capacity	225 mAh
Sensors	Accelerometer
Human Interface	Red LED
Firmware Updates	BLE DFU
Operating Temperatures	-20°C to 60°C
Case Material	ABS



- BLE Advertisement
- BLE indoor micro-location
- Configurable over a BLE connection
- Configurable advertisement intervals
- Configurable TX power
- Battery status LED
- Compact size
- Firmware update over BLE
- 1-3 year battery life with a single 225 mAh coin cell under typical use-case

Power Consumption

With a single 225 mAh coin cell battery, 1 second advertisement intervals, and +4 dBm TX power, the CoRe Beacon is designed to have a battery life of one year.