Technical Specifications

HARDWARE

- IP 68 Environmental Rating Enclosure
- Temperature Range: -40°c to +80°c
- Dimensions : 33 mm x 41 mm x 12 mm (1.29in x 1.61in x .47in)
- 1x CR2450 3v Button Battery
- 4 x 7.07 x 1.90 mm fasteners
- 2 x mounting holes for 3.5mm screws (#6) Not Included
- High Intensity LED
- Sensors:
  - Temperature
    - -40°c to +80°c
    - Accuracy +/- 1°c o
  - Light
    - Close to human eye response with excellent IR/UV rejection RADIO
- Bluetooth 4.0 Low Energy Radio
- Transmit Power: +8 dBm
- Receiver Sensitivity: - 98 dBm
- Integrated Chip Antenna
- Sleep Mode Current: 0.5uA
- Range up to 250 meters

FIRMWARE

- Remote OTA Upgrade
- Configurable Tx Power, Advertising Interval
- Battery Level
- iBeacon Licensed

Certification: FCCID, ICID, CE, GS1 Canada, QD ID, MIC Japan, Korea - MSIP-CRM-BGT, CAN ICES This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

TEMPERATURE DATA

The temperature data shows the current temperature in degrees Celsius at approximately 1 minute intervals. The operating temperature range of the beacon is −40°C to +80 °C.

LIGHT DATA

The beacon takes light readings at approximately 1 minute intervals. The live light data shows the current light readings between 0 and 255. The beacon's light sensor is pre-set with a full-scale range of 16000LUX.

BATTERY LEVEL

The battery level is represented as the approximate state of the battery in percent. It is read as a value between 0-100.