



BeWhere Bluetooth Tracker



HARDWARE

- IP 68 Environmental Rating Enclosure
- Temperature Range: -40°C to +80°C
- Dimensions :
 - BTB04: 57 mm x 43 mm x 17 mm
 - BTB05: 33 mm x 41 mm x 12 mm
- Batteries:
 - BTB04: 2x CR2450 3v Button Batteries
 - BTB05: 1x CR2450 3v Button Battery
- Fasteners
 - BTB04: 6 x 7.07 x 1.90 mm
 - BTB05: 4 x 7.07 x 1.90 mm
- Mounting hole:
 - BTB04: 2 x mounting holes for 3.5mm (#6) Not Included
 - BTB05: 1 x
- Buzzer (75 dB) – **Not on BTB05**
- High Intensity LED
- Sensors:
 - Temperature
 - -40°C to +80°C
 - Accuracy +/- 1°C
 - Accelerometer (**not on BTB05**)
 - 3-Axis Digital
 - RoHS Compliant
 - 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

IMPACT DATA (not on BTB05)

The live impact counter represents a counter of how many times the x, y, or z axes have experienced accelerations exceeding a threshold (default at .7g). The counter is stored as a value from 0-255, and then rolling over back to zero.

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.

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.



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REGISTRATION#48444.1

REG#177448

Testing Laboratory
Certificate #7915 02

X-0023, G-006
C-4096, I-1246

866.935.6610

BlueArrowTelematics.com

sales@bluearrowmail.com

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