SenionLab

SenionBeacon – User Manual

Article No: SB201501

Please read the entire technical data sheet before using the product and save it for future reference. We reserve the right for any errors in text or images and any necessary changes made to technical data. If you have any questions regarding technical problems please contact SenionLab.

1 Overview

The SenionBeacon is a Bluetooth compliant beacon designed to work with SenionLab's indoor positioning system. Please see the separate guide for mounting and troubleshooting.

2 Environmental Requirements

This device should only be operated in temperatures between -20°C to +60°C (recommended storage temperature +10°C to +30°C), optimal battery life is obtained at +25°C. Exposure to temperatures outside this interval may lead to explosion or fire.

3 Battery Life

With standard settings and the included battery, the battery life is 5-8 years. Observe that deviations in temperature might decrease battery life.

4 Battery Replacement

The included battery is non-rechargeable and should be disposed when empty, follow instructions below for disposal. Battery should be replaced with batteries supplied by SenionLab.

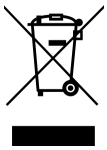
- To replace the battery, start by unscrewing the screws at the back of the beacon and remove cover:

- Remove the battery and insert the new one.

- Put the cover back and tighten the screws.

CAUTION!
Risk of explosion if battery is replaced by an incorrect type. Dispose used batteries according to the instructions.

5 Disposal Considerations



This equipment should be disposed at the end of its life separately from household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority.
Dispose batteries in accordance with applicable federal, state and local regulations.
For safety precaution, battery should be insulated in proper manner; covering both terminals by tape, wrapping of battery in insulative bag or packing battery in original package is recommended in order to prevent ignition due to short-circuit.

6 Certification Information

6.1 FCC

FCC ID: 2ABSF-SB201501
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment
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.

6.2 IC

IC: 11586A-SB1501
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

7 Contact Information

SenionLab AB
Teknikringen 7
583 30 Linköping, Sweden
E-mail: info@senionlab.com
Internet: http://www.senionlab.com