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INDUSTRIAL PRODUCT DATASHEET

BC01 Indoor Bluetooth Beacon for SenseCAP Tracker

BC01 Indoor Bluetooth Beacon for SenseCAP Tracker: Bluetooth® LE 5.0, 5+ year battery life, up to 120 m range, compatible with iOS 7.0+ and Android 4.3+ for stores, schools, offices, conferences, logistics, and home automation.

SKU	UPDATED	PRICE
113991194	2026-09-08 09:34:40	$12.00(Excl. VAT)



Overview



The BC01 Indoor Bluetooth Beacon for SenseCAP Tracker features Bluetooth® LE 5.0, a replaceable lithium battery with more than 5 years of life (0dBm/500ms default configuration), and up to 120 meters transmission in open areas. It is compatible with iOS 7.0+ and Android 4.3+ and is designed for applications including stores, schools, offices, conferences, logistics, and home automation.

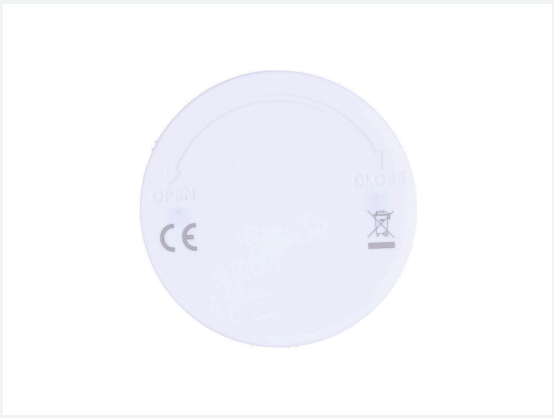
Key Features

- **Bluetooth® LE 5.0**
- **Long battery life**: Replaceable lithium battery, more than 5 years (0dBm/500ms in default configuration).
- **Long-distance transmission**: Up to 120 meters in open areas.
- **High compatibility**: Compatible with iOS 7.0+ and Android 4.3+ systems

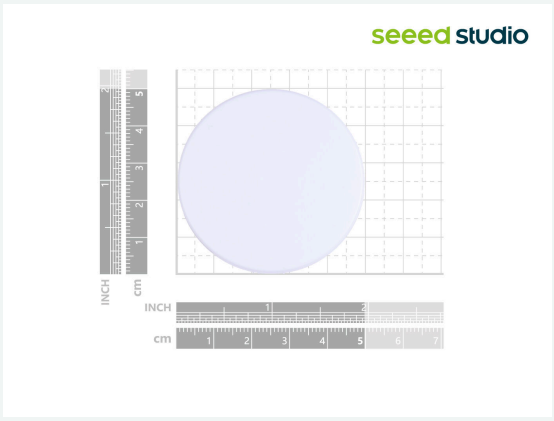
Product Gallery











Specification

Chip	nRF52 series
Bluetooth protocol	BLE 5.0
Broadcasting range	120m

Tx Power	-30～+4dBm，default is 0dBm
Adv Interval	100ms～10s，default is 500ms
Battery	Lithium battery, 2400mAh
Working temperature	-30~60°C
Dimension(L*W*H)	Φ50*20.5mm

Applications

- **Stores**
- **School**
- **Offices**
- **Conferences**
- **Logistics**
- **Home Automation**

Compliance & Logistics



HSCODE	9014800090
USHSCODE	9014801000
UPC	
EUHSCODE	9405413910
COO	CHINA

FCC Requirement

Any 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.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: 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.

If not installed and used in accordance with the instructions, it 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- https://www.seeedstudio.com/BC01-Indoor-Bluetooth-Beacon-p-5791.html
- BC01_Indoor_Bluetooth_Beacon.pdf

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