



## Bluetooth Smart industrial Beacon

*Industrial BLE beacons for containers, trailers and professional outdoor applications*

### ***What is a Beacon?***

A beacon is a small radio transmitter that sends signals to the environment at configurable intervals. These are received by other Smart devices. In this way, data and information can be exchanged. Goods to which beacons are attached are clearly identified. Beacons are inexpensive and powered with a battery for years. The maintenance effort is very low. With the help of Beacon technology, goods can be located in buildings, paths and routes can be evaluated or locations can be determined in combination with other technologies.

### ***Fields of application***

#### ***Asset tracking***



Vehicles/goods are equipped with beacons, which send their identification cyclically. As you walk by, you can see who is nearby. This technology is used, among other things, for inventory control.

#### ***Access control***



Beacons are ideal for contact-free access control systems. When passing by or driving, it is recognized who or which vehicle leaves a location (e.g. construction site) or for whom the barrier is opened - also in combination with alarm systems.

#### ***Determination of last location - last point***

The last location is determined using beacons in combination with GPS. No more searching for stored goods. The transported trailer, container, dolly or pallet only needs a beacon. The tractor with GPS transmits the last location to, for example the control center. Here the communication device in the vehicle takes over the identification data of the goods transmitted by the beacons and supplements the position which was received via GPS when the vehicle is parked. So you always know where the corresponding goods, the pallet or the trailer was parked. The battery in the beacon lasts several years. A complex GPS





transmitter e.g. on the trailer or on the goods is not necessary.



Beacons are also used in other areas such as indoor and outdoor navigation, proximity marketing (sending push messages when approaching objects or events), real-time flow measurement (people/goods/machines/devices), regular customer identification and much more.

***You need a device that scans for beacons and passes on the information? LinTech offers Beacon scanners in different versions, also tested according to automotive standard (E1).***

#### **Order details**

|  |  |   |
|--|--|---|
| <b>Part# 1509-BCN1</b><br>Bluetooth Smart Beacon                 | 65x40x26mm<br>2x AAA batteries<br>Adhesive pad                                     |  |
| <b>Part#. 1509-BCN2</b><br>Bluetooth Smart Beacon                | 65x40x26mm<br>2x AAA batteries<br>Screwable clamping unit                          |   |
| <b>Part# 1509-BCN4</b><br>Bluetooth Smart industrial Beacon      | 52x50x35mm<br>½ AA LI-Battery 1,2Ah<br>Protection Class IP65/67<br>Cover screwable |   |
| <b>Part# 1509-BCN5</b><br>Bluetooth Smart 220V industrial Beacon | 44x44x12mm (Beacon)<br>43x43x21mm (Netzteil)<br>220V AC Clamp<br>Cover screwable   |   |

#### **What can Bluetooth Smart Beacons do?**

- LinTech Smart Beacon, iBeacon Google Eddystone Technology
- Bluetooth Low Energy V.4.1 or 5.3
- Configurable device name
- Advertising features, IDs configurable
- Transmission power configurable
- Battery status indicator ( LinTech Smart Beacon)
- Optical or acoustic signalling of different states possible
- Standard batteries depending on model AAA, CR2477 or ½ AA LI or 220V clamp
- Battery life upto 3 years
- Optional external power supply possible
- Beacon configurator app for iOS, Android



LinTech Bluetooth Smart Scanner



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