

ivantoBeacon

Industry Standard and Easy Deployment

The ivantoBeacon serves as a positioning device by periodically broadcasting its ID through Bluetooth Low Energy (BLE) Advertising. When contact is established between a user's smartphone and an ivantoBeacon, the location of the user is determined—in combination with a time stamp—and can be used for location-based services, such as accessible navigation and easy mobile ticketing. The ivantoBeacon is designed for public transport buses, trams and trains. It can be powered by batteries or by the vehicle's electrical system.

Features

- Bluetooth BLE 4.0
 - iBeacon
 - Eddystone EID/TLM
- Free setting of transmission interval
- Battery powered
- Beacon Management System through web portal
- Configuration over Android app
- Battery life: up to 2 years

Technical Specifications

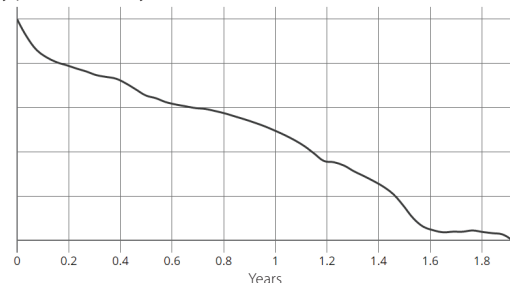
- Dimensions: 80 mm (W) x 113 mm (L) x 40 mm (H)
- Water & dust protection: IP 66 / IP 68 - 1,2 m (2 Hours)
- Fire protection: DIN 4102 / B1 - flame retardant
- Temperature resistance: -20 °C to 80 °C
- Optional: ABS or Polycarbonate
- Tested CC2540 Design

Assignment and Configuration Software

- Available as a dedicated, easy to use Android smartphone app

Power Supply

- Vehicle electrical system: 12 V / 24 V / 110 V
- Battery: 4 x AA batteries
 - Typical Battery Lifetime:



Certifications

- CE, EN 61373, EN 301489, EN 300328, EN 60529, EMV 06



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