

RTLS B7 Tag



CE FCC

Features

- RTLS tag for patient/staff locating
- Bluetooth 5.0 technology
- Up to 90 m transmission range
- IP67 waterproof and dustproof
- 3 to 4 months battery life
- Unique MAC address for each tag

Introduction

RTLS B7 Tag is a Bluetooth Low Energy (BLE) tag with wristband, which could be used for tracking location of patients and medical staff in hospitals.

Specifications

| | | |
|--------------------------|--|---|
| Physical Characteristics | Dimension | 35.9 (Diameter) x 11 (H) mm |
| | Weight | 12 g |
| | Color | White |
| | Button | Push button for panic/emergency/SOS use case |
| | Wristband | 250 (L) x 14 (W) mm, replaceable with common hospital wristband |
| Power | Battery | Replaceable CR2032 coin cell battery x 1, 220 mAh/3V |
| | Operating Voltage | DC 1.8-3.9 V |
| | Operating Time | 3 to 4 months (depending on usage scenario) |
| Communication | Bluetooth | Bluetooth 5.0 |
| | Antenna | 50 Ohm (on board) |
| | Transmission Current | 5.3 mA (peak current) |
| | Transmission Range | 50-90 m |
| | Protocol | iBeacon, Eddystone |
| Environment | IP rating | IP67 |
| Certification | FCC, CE, EN60601-1-2, NCC, iBeacon MFi License (IBC-14-00582), Bluetooth EPL, FDA-compliant (housing case and wristband) | |

Ordering Information

| Part Number | Description |
|-------------|-----------------|
| 96PD-01002 | RTLS B7 BLE Tag |

Figures

