

FUJITSU Component Wireless Modules

Bluetooth® Version 4.1 Beacon

FWM8BLZ02-109042

Overview

A Bluetooth Version 4.1 beacon which can broadcast advertising data with selectable operating modes.



RoHS compliant

Features

- **OTA configuration mode**
In *Over-The-Air* (OTA) configuration mode, the beacon unit settings and advertising data can be re-configured by connecting to a central device wirelessly
- **LED status**
The Beacon status can be checked by the LED indicator
- **Long operation life with coin cell battery**
The Beacon is able to operate for more than 2 years with a CR2450 coin cell battery at a 1 second advertise interval



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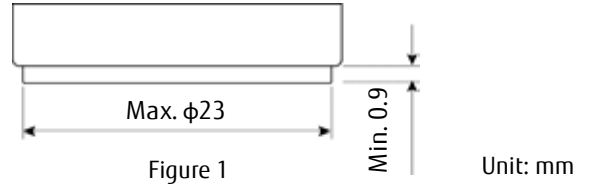
Applications

- Indoor navigation at stations, airports, exhibition halls
- Retail coupon issuing
- Logistics management
- Health care
- PoP (Point of Presence) for museums, expos, etc.

Item	Specifications
Part number	FWM8BLZ02-109042
Antenna	Pattern antenna
Bluetooth technology	Conforms to Bluetooth Version 4.1 technology
Transmit power	-16, -12, -8, -4, 0, +4 dBm
Power supply	CR family coin type lithium battery CR2450 (not include)
Operating temperature	-30°C to +60°C
Operating humidity	+20 to +80% RH
Weight	10g (without battery)
Dimensions	40 x 31 x 12mm
Certifications	Bluetooth qualification (QDID), Radio Act (Japan), FCC, IC, CE

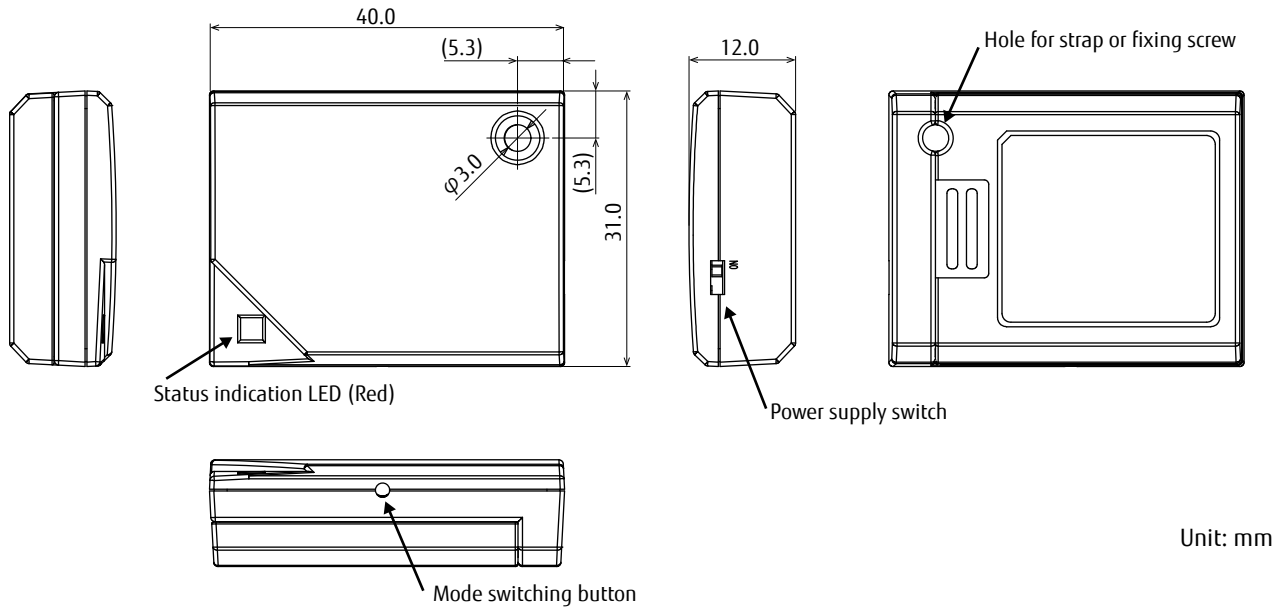
■ Battery specifications

Note: Use of coin type lithium battery CR2450
 Please use the battery meets Figure 1 (minus electrode height min. 0.9mm, diameter max. 23 mm) to keep enough clearance between beacon holder and battery.



■ Dimensions

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