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Sense Badge Lite BLE

Sense Badge BLE is a customizable Bluetooth Low Energy (BLE) device designed for tracking objects that move, compatible with the Quuppa Intelligent Locating System that allows you to locate and track the Sense Badge BLE device in an environment equipped with Quuppa Locators. Sense Badge BLE is equipped with an accelerometer, a push button and red LED light to indicate device status and offers over the air configurability.
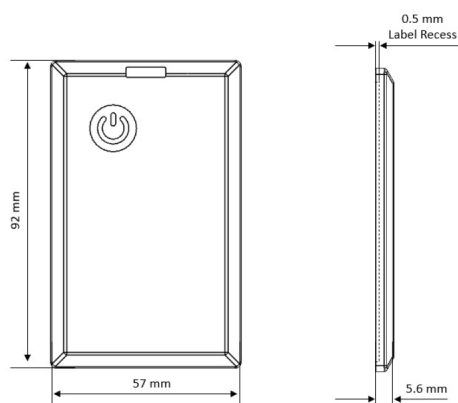
Physical Specifications	
Material	Polycarbonate
Size	92 x 57 x 5.6 mm, 3.62 x 2.24 x 022 in
Weight (g)	26.4
Attachment	Standard

Specifications	
Radio Protocol	Bluetooth, LF
Supported Profiles	iBeacon, Eddystone UID, Eddystone URL, Eddystone TLM, Omni-ID Custom Beacon
Battery Type	Sealed prismatic battery, non-replaceable
Battery Capacity	1300 mAh
Battery Life	12 Years, 10Hrs activity/day, 1 Hz Beacon rate, 0.4dBm Tx power, Acc' 1.6 Hz sample rate
Default Beacon Rate	30ms - 18hrs
Sensors	Accelerometer, Push button
Visual Indicator	Red LED

Dimensions

Measurements shown in mm

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The Sense Badge device is ideal for applications requiring medium range tracking such as:
• Personnel tracking
• Staff / visitor tracking
• Mustering & safety requirements
• Smart office applications
• Process flow monitoring
• VIP & delegate tracking at tradeshows / events
• Access Control

Configurable Parameters

Beaconing profile / packet type

Transmit power

Beacon rate

Activity time

Event source (button press, accelerometer, movement, tap double, tap freefall, flip short button press)

Certifications

CE, FCC, RoHS, Bluetooth

Related System Components

BLE Technology Evaluation Kit	Including BLE devices, software and user guide

Environmental Specifications

Operating Temperature	−20°C to +60°C
IP Rating	IP67
Impact	1kg from 1m. 250 drops 1.2m to concrete

Ordering Information

Warranty	1 year
Part Number / Order Codes / Order Numbers	CP17660 - Sense Badge Lite BLE