Omni·ID® part of HID

Sense IoT
Intelligent, Powerful IoT Devices

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Sense Lite V2 BLE

Sense Lite V2 BLE is a customizable Bluetooth Low Energy device designed for asset/personnel tracking. It benefits from a user replaceable battery which allows the product to be serviced in the field and extends the product life. The Sense Lite V2 BLE comes in a number of different attachment options including adhesive, rivets and cable ties for asset tracking or via lanyard if used as a personnel tracker. This product is also available with Ex certification for use in explosive environments.
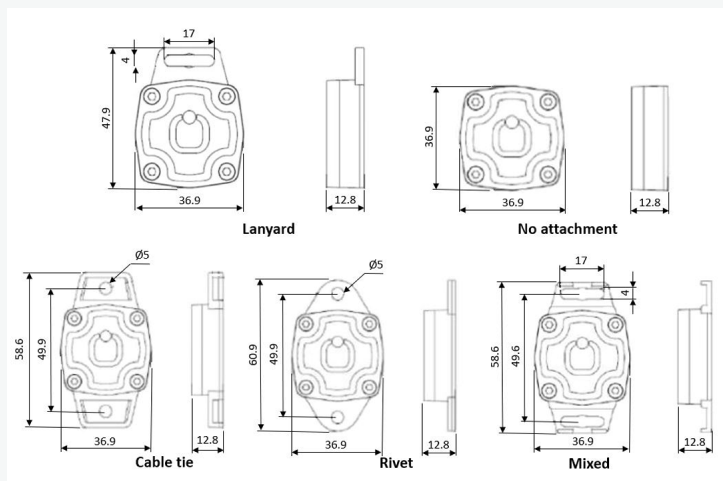
Bluetooth®   Ex

Physical Specifications

Material	2 Part Polycarbonate Case
Size	No attachment 36.9 x 36.9 x 12.8mm Lanyard 36.9 x 47.9 x 12.8mm Cable tie 36.9 x 62.9 x 12.8mm Rivet 36.9 x 60.9 x 12.8mm 3 in 1 36.9 x 58.6 x 12.8 mm, No attachment 1.45 x 1.45 x 0.50in Lanyard 1.45 x 1.89 x 0.50in Cable tie 1.45 x 2.48 x 0.50in Rivet 1.45 x 2.40 x 0.50in 3 in 1 1.45 x 2.30 x 0.50 in
Weight (g)	No attachment: TBD, Lanyard 18.9, Cable tie 19.1, Rivet 19.2, 3 in 1 20.6
Attachment	5 versions available - No attachment, lanyard, cable tie, rivet, 3 in 1

Specifications

Radio Protocol	Bluetooth
Supported Profiles	iBeacon, Eddystone UID, Eddystone URL, Eddystone TLM, Omni-ID Custom Beacon
Battery Type	CR2032
Battery Capacity	225mAh
Battery Life	1.4 Years, 1Hr activity/day, 0.2 Hz Beacon rate, 0.4dBm Tx power, Acc' 5 Hz sample rate
Default Beacon Rate	30ms - 18hrs
Sensors	Accelerometer, Push button
Visual Indicator	Red LED

Dimensions

Lanyard   No attachment

Cable tie   Rivet   Mixed

Measurements shown in mm

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The Sense Asset Lite device is ideal for applications requiring medium range tracking such as:

- Hospitals
- Manufacturing facilities
- Warehouse management
- Container management
- Facilities management
- Ports construction and mining
- Asset management

Configurable Parameters

Beaconing profile
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, Ex

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	IP68
Impact	1.5kg from 1m. 500 drops 1.2m to concrete

Ordering Information

Warranty	1 year
Product Options	Available with lanyard attachment, cable tie attachment, rivet attachment, mixed attachment and no attachment options. Ex certified version of this product is available as an option.
Part Number / Order Codes / Order Numbers	CP17692 - No attachment, CP17288 - No attachment EX CP17705 - Lanyard, CP17287 - Lanyard Ex CP17691 - Cable Tie attachment, CP17289 - Cable Tie attachment Ex CP17690 - Rivet attachment, CP17290 - Rivet attachment Ex CP17693 - 3 in 1 attachment, CP17291 - 3 in 1 attachment Ex