Visit www.omni-id.com to learn more about the complete line of Omni-ID RFID products.

Applications
The Sense Locate – Kinetic device is ideal for applications requiring medium range tracking such as:

- Hospitals
- Manufacturing facilities
- Warehouse management
- Cold chain condition monitoring
- Container management
- Facilities management
- Ports construction and mining
- Asset management

Physical Specifications

<table>
<thead>
<tr>
<th>Construction</th>
<th>Overmolded durable, shock resistant TPE (Thermoplastic elastomer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm)</td>
<td>95.1 x 34.2 x 21</td>
</tr>
<tr>
<td>Size (in)</td>
<td>3.74 x 1.35 x 0.83</td>
</tr>
<tr>
<td>Weight (g)</td>
<td>59</td>
</tr>
<tr>
<td>Attachment</td>
<td>Mechanical (std)</td>
</tr>
</tbody>
</table>

Operational Specifications

- Radio Protocol: Bluetooth 4.2, +8dBm to −15dBm NFC (Beacon configured via NFC)
- Supported Profiles: iBeacon, Eddystone UUID, Generic
- Battery Type: Sealed prismatic battery, non-replacable
- Battery Capacity: 1.5 Ah
- Battery Life: 5 years, 5% motion, 10 second beacon rate
- Read Range: 200 m+ depending on reading device
- Default Beacon Rate: Configurable from 1–10 seconds
- Alarm Beacon Rate: Configurable from 0–10 seconds (where 0 is off)
- Sensors: Accelerometer, Temperature
- Temperature Sensor Range: −20°C to +60°C with an accuracy of ± 2°C
- Visual Indicator: LED

Environmental Specifications

- Operating Temperature: −20°C to +60°C
- IP Rating: IP68
- Shock & Vibration: MIL-STD-810 F
**Powerful Features**

- Rugged Bluetooth Low Energy Device
- Sensors: Temperature, Accelerometer
- Long battery life — up to 5 years in typical settings
- High read concurrency

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**Related System Components**

<table>
<thead>
<tr>
<th>BLE Technology Evaluation Kit</th>
<th>Including BLE devices, software and user guide</th>
</tr>
</thead>
</table>

---

**Configurable Parameters**

<table>
<thead>
<tr>
<th>Device Type (Generic, iBeacon, Eddystone UUID)</th>
<th>Default Beacon Rate (in seconds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Temperature Threshold</td>
<td>Alarm Beacon Rate (in seconds)</td>
</tr>
<tr>
<td>Low Temperature Threshold</td>
<td>Accelerometer Threshold</td>
</tr>
</tbody>
</table>

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**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CP13888 (Generic profile)</th>
</tr>
</thead>
</table>

| Warranty | 1 year |

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**Certifications:**

- CE
- FCC
- RoHS
- NFC
- Bluetooth

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**Meeting Your Requirements**

Our Sense range of IoT devices has been designed with a wide range of use cases in mind. However, we realise that your exact requirements may not be met by an ‘off the shelf’ product and a combination of the many features in the Sense range could be required. Our engineers and technical teams like nothing more than to solve specific tracking and communication challenges (it’s what gets them out of bed in the morning) and we would be happy to consider a bespoke version of ‘Sense’ tailored to your particular scenario. [Contact us at sales@omni-id.com to find out more.](mailto:sales@omni-id.com)