Conneq™ tags are **tough, long-lasting, small form factor** Bluetooth Low Energy (BLE) beacons designed for industrial, real-time asset tracking applications. Our tags are based on **global Bluetooth standards**, are configurable for **distance, repeat rate**, and multiple ID including **GS1 Identifiers**, with a host of project-specific RFID inlay and exterior labelling options to meet customer requirements.

**FEATURES**

- **Standards based**
  - non-proprietary global Bluetooth 4.0 standard based Beacon, with GS1 option
- **Tough**
  - industrial tag with rugged tag option for harsh applications
- **Long-Lasting**
  - reduced maintenance and Total Cost of Ownership with long battery life
- **High-Concurrency**
  - designed to minimize conflicts for high volume reads in a single zone
- **Configurable**
  - Over-The-Air configuration for power (distance), repetition rate and ID
- **Multiple ID standards support**
  - Supports GS1 and major Beacon standards
- **Delivery Options**
  - Additional NFC, Passive RFID and EPC™ inlay/secondary tag options and custom labelling options

**APPLICATIONS**

- **Building / Indoor**
- **On sites / Outdoor**
- **On Vehicle**
- **with Mobile**
## Technical Specifications

### SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical</strong></td>
<td></td>
</tr>
<tr>
<td>Conneq™</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>52mm (l) x 32mm (w) x 15mm (d)</td>
</tr>
<tr>
<td>Weight</td>
<td>18g</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP54</td>
</tr>
<tr>
<td><strong>Configuration</strong></td>
<td></td>
</tr>
<tr>
<td>RF Standard</td>
<td>Bluetooth Low Energy</td>
</tr>
<tr>
<td>Power</td>
<td>+8dBm to -15dBm</td>
</tr>
<tr>
<td>Repetition Rates</td>
<td>1 to 254 secs interval</td>
</tr>
<tr>
<td>Identification support</td>
<td>Custom, GS1 Identifiers and common Beacon schemes</td>
</tr>
</tbody>
</table>

### OPTIONS

- (settings)
  - Power
  - Repetition Rate
  - Transmitted ID

- (internal)
  - EPC™ Passive RFID Tag
  - Passive RFID Tag
  - EPC™ Passive RFID Inlay
  - Passive RFID Inlay

- (external)
  - NFC Label
  - Barcode Label(s) including GS1 1D and 2D Barcodes

### Performance

<table>
<thead>
<tr>
<th></th>
<th>Shortest</th>
<th>Longest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>&lt;1m</td>
<td>100m</td>
</tr>
<tr>
<td>(standard Bluetooth reader)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Range (tuned reader)</td>
<td>Longer</td>
<td></td>
</tr>
<tr>
<td>Battery Life</td>
<td>12 months @Max power and 1 sec rep rate continuous</td>
<td>120 months+ @Min power and 255 sec rep rate continuous</td>
</tr>
</tbody>
</table>

### Reading

- Read by any Bluetooth 4.0 capable device with enabling apps.

### FOR MORE INFORMATION:

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