

Tags and badges

## Blue SLIM ID + Mesh

Ref. IDF03451



### The thinnest beacons for locating people and equipment indoors

- 👁️ Long-range wireless communication using **mesh network** topology
- 👁️ Simple deployment, maintenance, and expansion
- 👁️ Over-the-air (OTA) firmware update via network
- 👁️ BLE advertising frame function
- 👁️ Ultra-thin casing: **2.4 mm**
- 👁️ Integrated **NFC** chip

#### TECHNICAL SPECIFICATIONS

<b>Operating modes</b>	<b>Mobile Mode:</b> periodic transmission of identifier and location
<b>Parameters and configuration</b>	<p>Interface/protocol NFC (Type 2)            Configuration: Device Manager/ Mobile Manager application (Windows / Android)</p> <ul style="list-style-type: none"> <li>👁️ Activation / deactivation</li> <li>👁️ Configuration of identifier (3 Bytes), address, and Wirepas network channel</li> <li>👁️ Transmission period (15 seconds to 18 hours - configurable in seconds)</li> <li>👁️ BLE advertising frame: Transmission interval, name, and power</li> <li>👁️ Acceleration level for moving event wake up</li> </ul> <p>Network configuration and diagnostics with Wirepas Network Tool application</p>
<b>Sensor option / performances</b>	<p><b>Localization precision:</b> 5 to 10 meters  <b>Accelerometer Option:</b> 3-axis accelerometer for moving event detection (battery life extension)  <b>Range:</b> -8g à 8g  <b>Level for moving event wake up:</b> 32 mg to 8000 mg</p>
<b>Frequency</b>	2.4 GHz – BLE channels / Mesh network
<b>Output power</b>	Up to +4 dBm (adaptive/smart network)
<b>Range</b>	Up to 100 meters free field (+4 dBm)
<b>Power supply</b>	3 VDC – Internal lithium battery
<b>Battery life</b>	<ul style="list-style-type: none"> <li>- Up to 2.8 years (Mobile Mode) *</li> <li>- Battery voltage level sent via network and on MQTT Topic</li> </ul> <p><i>*For more detailed battery lifetime specification please refer to autonomy spec sheet</i></p>
<b>Operating temperature</b>	-20°C to +55°C
<b>Casing</b>	<p>56 x 30.6 x 2.4 mm            Weight: 40 g            2 mounting holes, Ø 4 mm, center distance 43 mm            Extra-strength tape on back            Black ABS plastic</p>
<b>Standards</b> (* ) Certification in progress	<p>EC (Europe)*: EN 300 328/ EN 301 489 &amp; EN 55032 / EN 62368-1            FCC (USA)*: FCC 15.247 / FCC PT 15B            ISED (Canada)*: RSS-247 / ICES-003; RoHS</p>