

Tags and badges

Blue SLIM ID Mesh

Ref. IDF03440



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							
Power supply	3V DC – Internal lithium battery						
Frequency	2.4 GHz – BLE channels / Mesh network						
Operating modes	Non-router mode - Mobile point: periodic transmission of identifier and location data; Indicator light controllable via network						
Output power	Up to +4 dBm (adaptive/smart network)						
Range	Up to 100 meters free field (+4 dBm)						
Transmission period	Non-router mode - Mobile point: 15 secs. to 18 hrs. (configurable in seconds)						
Battery life	NON-ROUTER						
	<table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">30 minutes</td> <td style="width: 33%;">60 minutes</td> <td style="width: 33%;">9 hours</td> </tr> <tr> <td>6 months</td> <td>1.5 years</td> <td>3.5 years</td> </tr> </table>	30 minutes	60 minutes	9 hours	6 months	1.5 years	3.5 years
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6 months	1.5 years	3.5 years					
<small>* Battery lifetime calculations are based on real-world consumption measurements, manufacturer data on battery capacity, and taking 20% self-discharge (1% per year) into account.</small>							
Identifier	Unique, modifiable identifier (3 Bytes)						
Parameters and configuration	Interface/protocol NFC (Type 2) Configuration: Device Manager/ Mobile Manager application (Windows / Android) <ul style="list-style-type: none"> 👁️ Activation / deactivation 👁️ Configuration of identifier, address, and Wirepas network channel 👁️ Transmission period 👁️ BLE advertising frame: Transmission interval, name, and power Network configuration and diagnostics Wirepas Network Tool application						
Option	3-axis accelerometer for longer battery life						
Operating temperature	-20°C to +55°C						
Battery level	Remaining battery power sent via network						
Casing	56 x 30.6 x 2.4 mm – 2 mounting holes, Ø 4 mm, center distance 43 mm Weight: 40 g – Extra-strength tape on back – Black ABS plastic						
Standards <small>(*) Certification in progress</small>	EC (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1 FCC (USA)*: FCC 15.247 / FCC PT 15B ISED (Canada)*: RSS-247 / ICES-003; RoHS						