

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 | | |
| | 30 minutes | 60 minutes | 9 hours |
| | 6 months | 1.5 years | 3.5 years |
| * 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. | | | |
| 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 (* Certification in progress) | 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 | | |