Tags and badges

Blue LITE ID + Mesh
Ref. IDF28440

WIREPAS

Track and locate even your smallest equipment with ease!

- Long-range wireless communication using **mesh network** topology
- Simple deployment, maintenance, and expansion
- Over-the-air (OTA) firmware update via network
- **Pick to light** system: integrated LED
- BLE advertising frame function
- Robust industrial casing – **IP55**
- **Replaceable battery**
- Integrated **NFC** chip

TECHNICAL SPECIFICATIONS	
Operating modes	**Mobile Mode**: periodic transmission of identifier and location **Indicator light** controllable via network
Parameters and configuration	Interface/protocol NFC (Type 2) Configuration: Device Manager/ Mobile Manager application (Windows / Android) - Activation / deactivation - Configuration of identifier (3 Bytes), address, and Wirepas network channel - Transmission period (15 seconds to 18 hours - configurable in seconds) - BLE advertising frame: Transmission interval, name, and power Network configuration and diagnostics with Wirepas Network Tool application
Sensor option / performances	**Localization precision:** 5 to 10 meters
Frequency	2.4 GHz – BLE channels / Mesh network
Output power	Up to +4 dBm (adaptive/smart network)
Range	Up to 100 meters free field (+4 dBm)
Power supply	3 VDC – Internal lithium battery replaceable
Battery life	- Up to 6.5 years (Mobile Mode) * - Battery voltage level sent via network and on MQTT Topic *For more detailed battery lifetime specification please refer to autonomy spec sheet*
Operating temperature	-30°C to +70°C
Casing	Dimensions : 45 x 23.2 x 5.3 mm 1 hole for M2 fixing - High adhesive back side IP55 - Weight 8g Casing: ABS+PC (UL94V0, halogen-free, medical grade) Seal: TPE
Standards (*) Certification in progress	EC (Europe)*: EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368 FCC (USA)*: FCC PART 15 ISED (Canada)*: RSS-247 / ICES-003 RoHS