



Tags and badges

Blue COIN ID Mesh

Ref. IDF10440



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 – **IP65 water protection rating**
- 👁️ Integrated **NFC** chip

TECHNICAL SPECIFICATIONS			
Power supply	3 VDC – Internal lithium battery		
Frequency	2.4 GHz – BLE channels / Mesh network		
Operating modes	Non-router mode - Mobile point: periodic transmission of identifier and location; 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		
	20 minutes	60 minutes	9 hours
	1 year	3.5 year	7 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	-30°C to +70°C		
Battery level	Remaining battery power sent via network		
Casing	Ø 36 mm base - height 10 mm - 2 mounting holes, Ø 3 mm, center distance 32 mm; IP 68 waterproof rating - weight 16 g DELRIN (POM C) - Compatible with food products (90/128/EEC)		
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; ISCED (Canada)*: RSS-247 / ICES-003 RoHS		
Accessories	Tag support: COIN HOLDER STICKER (ACIOM92B), Double sided direct fixation of the tag: COIN STICKER (ACIOM187)		