

Tags and badges

Blue COIN ID QUUPPA
Aero BEACON

Ref. IDF10540 / Ref. IDF10550



The compact industrial Beacon for accurate localization.

- 👁️ High lifecycle: up to **5 years**
- 👁️ **Pick to light** system: integrated LED
- 👁️ Robust industrial casing - **IP68 waterproof**
- 👁️ Integrated **NFC** chipset

TECHNICAL SPECIFICATIONS

Battery power supply	3 VDC - Lithium internal battery
Location accuracy	10 cm to 1 meter
Frequency	2,4 GHz Bluetooth + 2 proprietary channels (2401MHz and 2481MHz)
Operating mode	Periodic data transmission on movement event (QUUPPA protocol) Downlink command: LED indicator light (ON/OFF switch)
Power output	Up to +4dBm (programmable)
Transmission range	Up to 200 meters (open field / +4dBm)
Transmission period	0,1 to 10 second (programmable) Moving state: From 0.1sec to 1 second Static mode: From 1 sec to 10 seconds
Lifecycle	5 years (Beacon rate = 10s with +4dBm power)
Radio frame format	13 Bytes: localization packet + data packet Unique 48 bits MAC address
Settings & configuration	Interface/Protocol : NFC Type 2 Device Manager software or Device Manager Mobile Android App
Operating temperature	-30°C to +70°C
Housing – Blue Coin ID QUUPPA	∅ 36mm base - Thickness 10mm IP68 Waterproof - Weight 11g DELTRIN (POM C) material – Food Grade (90/128/EEC)
Housing – Aero Beacon	Height: 11.5mm – Length 53mm, width 36mm – 2 holes: ∅ 5.2mm, spaced of 40mm IP68 Waterproof – Weight 13g DELTRIN (POM C) material – Food Grade (90/128/EEC)
Standards	EC (Europe)*: EN 300 328/EN 301 489 & EN 55032 / EN 62368-1 FCC (USA)*: FCC 15.247 / FCC PT 15B ISED/IC (Canada)*: RSS-247 / ICES-003 RoHS certified *certification in progress