

Wireless sensors



Blue PUCK BUZZ
Ref. IDF31245



An industrial beacon with buzzer with multiple uses: help in finding equipment, sound alert for worker safety!

- 👁️ Extended transmission range: up to **500m** (free field)
- 👁️ Battery lifespan: up to **9 years**
- 👁️ Sound alarm / **Buzzer**
- 👁️ Built-in LED: **Pick to light system**
- 👁️ Robust industrial case - **IP65 waterproof**
- 👁️ Built-in **NFC** chip

TECHNICAL FEATURES

Supply voltage	3 VDC – Integrated internal lithium battery
Frequency	2.4 GHz - Low Energy 4.0/4.2 Bluetooth
Operating Mode	« Advertising » Mode: recurrent data transmission "Online" Mode: LED ON / LED OFF "Online" Mode: BUZZER ON / BUZZER OFF
Buzzer	4KHz/-77dB at 8 cm
Transmission power	Up to +4 dBm (adjustable value)
Coverage scope	Up to 500 meters in free field (+4dBm)
Transmission period	0.1 up to 10 seconds (adjustable value)
Battery lifespan	BUZZER: Up to 6 years: at +4dBm, 3sec. Adv, during 30 sec, 1 time /day Up to 8.4 years: at +4dBm, 3sec. Adv, during 30 sec, 1 time /week LED: Up to 6.5 years: at +4dBm, 3sec. Adv, during 30 sec, 1 time /day Up to 8.5 years: at +4dBm, 3sec. Adv, during 30 sec, 1 time /week Online mode duration: 10sec. NB: simultaneous use of LED and BUZZER is not recommended.
Radio frame format	Username: Up to 15 characters MAC address: 48 bits (One single address) Compatible: ID (ELA), iBeacon (Apple) et Eddystone (Google)
Settings and configuration	Interface/Protocol : NFC (type 2) Device Manager software or Android Device Manager Mobile application available on the store

Operating temperature	-30°C up to +70°C
Battery level management	Low battery alarm if less than 15% power
Housing	<p>Ø 57 mm basis - height 20 mm</p> <p>Dimensions with integrated cable gland – 64 mm (excluding cable)</p> <p>IP 65 waterproof</p> <p>Weight: 36 g</p> <p>DELIRIN (POM C) Adapted for food supply (90/128/EEC)</p>
Standards and regulations (*) Certification in progress	<p>EC (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1</p> <p>FCC (USA)*: FCC 15.247 / FCC PT 15B</p> <p>ISED/IC (Canada)*: RSS-247 / ICES-003</p> <p>RoHS</p>
Additional equipment (*)Soon	<p>Double sided direct fixation of the tag: PUCK STICKER (ACIOM188)</p> <p>Tag support: PUCK HOLDER (BOT0126)*</p>