

Blue PUCK FAMILY

Ref. IDF25XXX

- 👁️ Very long range: up to **500 meters** (open field)
- 👁️ High lifecycle: up to **16 years**
- 👁️ Robust industrial casing - **IP68 waterproof**
- 👁️ Integrated **NFC** chipset

TECHNICAL SPECIFICATIONS

Battery power supply	3 VDC - Lithium internal battery
Frequency	2,4 GHz range
Operating mode	- Periodic data transmission - LED indicator light (ON/OFF switch)
Power output	Up to +4dBm (programmable)
Transmission range	Up to 500 meters (open field / + 4dBm)
Transmission period	0,1 to 10 second (programmable)
Lifecycle	16 years (Beacon rate = 10s with +4dBm)
Radio frame format	ID: 15 characters name Unique 48 bits MAC address ID (ELA) compliant
Settings & configuration	Interface/Protocol: NFC Type 2 Device Manager software or Device Manager Mobile Android App
Operating temperature	-40°C to +85°C
Battery level management	15% remaining battery warning
Housing	∅ 57mm base - Thickness 18mm - 2 mounting ∅ 4mm holes, spaced of 49mm IP68 Waterproof - Weight 36g DELTRIN (POM C) material – Food Grade (90/128/EEC)
Standards (* <i>Certification in progress</i>)	CE (Europe): EN 300 328/ EN 300 330/ EN 301 489 & EN 55032 / EN 62368-1 FCC (USA): FCC PART 15 ISED/IC (Canada): RSS-247 / ICES-003 RoHS certified
Accessory	PUCK HOLDER STICKER
FCC ID	RVVBPUCKPF1
IC	20429-BPUCKPF1

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference; and
2. This device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Sample



RF exposure test exclusion

Given that the calculation of the RF exposure was performed with a 20cm value, test exclusions are applicable as the minimum test separation distance is ≤ 50 mm, and the transmission frequencies between 100 MHz and 6 GHz.

Industry Canada Statement

This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. Le dispositif ne doit pas produire de brouillage préjudiciable, et
2. Ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.