



## Blue ANCHOR FAMILY

Ref. IDF32XXX

-  **Extremely long battery life**
-  Simple deployment, maintenance, and expansion
-  **Pick to light** system with integrated LED
-  Robust industrial casing – **IP68 water protection rating**

### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	3.6 VDC – 2 internal LS14500 lithium batteries (replaceable)				
<b>Frequency</b>	2.4 GHz range				
<b>Operating modes</b>	- Periodic data transmission - LED indicator light (ON/OFF switch)				
<b>Output power</b>	Up to +4 dBm (programmable)				
<b>Range</b>	Up to 140 meters free field (+4 dBm)				
<b>Transmission period</b>	Non-router mode - Mobile point: 15 seconds to 18 hours (configurable in seconds)				
<b>Battery life</b>			NON-ROUTER		
	T°	ROUTER	1 minute	5 minutes	10 minutes
	+20°C	20 years	3 years	12 years	20 years
	+70°C	15 years	2 years	9 years	15 years
	-40°C	9 years	1.5 years	5 years	9 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.				
<b>Identifier</b>	Unique, modifiable identifier (3 Bytes)				
<b>Parameters and configuration</b>	Interface/protocol NFC (Type 2) Configuration: Device Manager/ Mobile Manager application (Windows / Android)				
<b>Operating temperature</b>	-40°C to +85°C				
<b>Battery level</b>	Remaining battery level transmission				
<b>Casing</b>	Dimensions: 119.2 mm x 51.2 mm x 24 mm; IP 68 water protection rating - weight 122 g DELIRIN (POM C) - Compatible with food products (90/128/EEC) 2 mounting holes, Ø 4 mm, center distance 110 mm				
<b>Standards</b> (* Certification in progress)	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				
<b>FCC ID</b>	RVVBANCHPF1				
<b>IC</b>	20429-BANCHPF1				



## 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.

## 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.