

## Blue SLIM FAMILY

Ref. IDF03XXX

- 👁️ **Ultra slim format: 2.4 mm adhesive face**
- 👁️ Very high range: up to **300 meters** (open field)
- 👁️ Lifecycle: up to **2 years** with **10 seconds** transmission period
- 👁️ Integrated **NFC** chipset

<i>TECHNICAL SPECIFICATIONS</i>	
<b>Battery power supply</b>	3 VDC - Lithium internal battery
<b>Frequency</b>	2,4 GHz range
<b>Operating mode</b>	Periodic data transmission
<b>Power output</b>	Up to +4dBm (programmable)
<b>Transmission range</b>	Up to 300 meters (open field / + 4dBm)
<b>Transmission period</b>	0,1 to 10 second (programmable)
<b>Lifecycle</b>	2 years (Beacon rate = 10s with 0dBm power)
<b>Radio frame format</b>	ID: 15 characters name Unique 48 bits MAC address ID (ELA) compliant
<b>Settings &amp; configuration</b>	Interface/Protocol: NFC (type 2) <b>Device Manager</b> software or <b>Device Manager Mobile Android App</b>
<b>Operating temperature</b>	-20°C to +55°C
<b>Battery level management</b>	15% remaining battery warning
<b>Housing</b>	ABS Material 56 x 30,6 x 2,4mm - 2 housing 4mm holes, space 43mm Weight 6gr - High adhesive back side
<b>Standards</b>	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>	RVVBSLIMPF1
<b>IC</b>	20429-BSLIMPF1

## 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  $\leq 50$  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.