



# Blue COIN ID & AERO ID

## Industrial Bluetooth Low Energy beacon

### BENEFITS

- High autonomy : up to 5 years
- Pick to light : integrated high power LED
- Waterproof (IP68)
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)
- BAF compatible depending on configuration



## TECHNICAL SPECIFICATIONS

### OPERATING MODE

<b>Frequency</b>	2.4 GHz - Bluetooth Low Energy 4.0/4.2
<b>Output power</b>	Up to +4 dBm (configurable)
<b>Range</b>	Up to 200 meters in open field (+4dBm)
<b>Transmission period</b>	2 advertising periods can be configured (value between 0,1 and 86400 seconds). Transition from one to another according to configurable sensor threshold
<b>Radio frame format</b>	<p>ELA ID (15 bytes identifier)</p> <p><b>iBeacon</b></p> <p><b>Eddystone</b></p> <p><i>Other frame format available on request. Refer to the frames specifications for more information</i></p>
<b>Parameters and configuration</b>	Interface/protocol : NFC (Type 2)
<b>Connected mode</b>	LED indicator (ON / OFF) command / Battery level

### BATTERY

<b>Power supply</b>	3 VDC – Internal lithium battery
<b>Battery life</b>	<p>ID (ELA) : 5 years,</p> <p>iBeacon (Apple) : 5 years,</p> <p>Eddystone (Google) : 5 years*s</p> <p><i>*Refer to the battery life curves for more information.</i></p>
<b>Battery level</b>	<p>Low battery warning in advertising frames (&lt;15%)</p> <p>Battery voltage in scan response frames (configurable)</p>

## CERTIFICATIONS

Europe	CE / EN 300 330 / EN 301 489 / EN 62311 / EN 62368
UK	UKCA
USA	FCC : FCC PART 15
Canada	ISED : RSS-247/ICES-003
RoHs/REACH	Yes

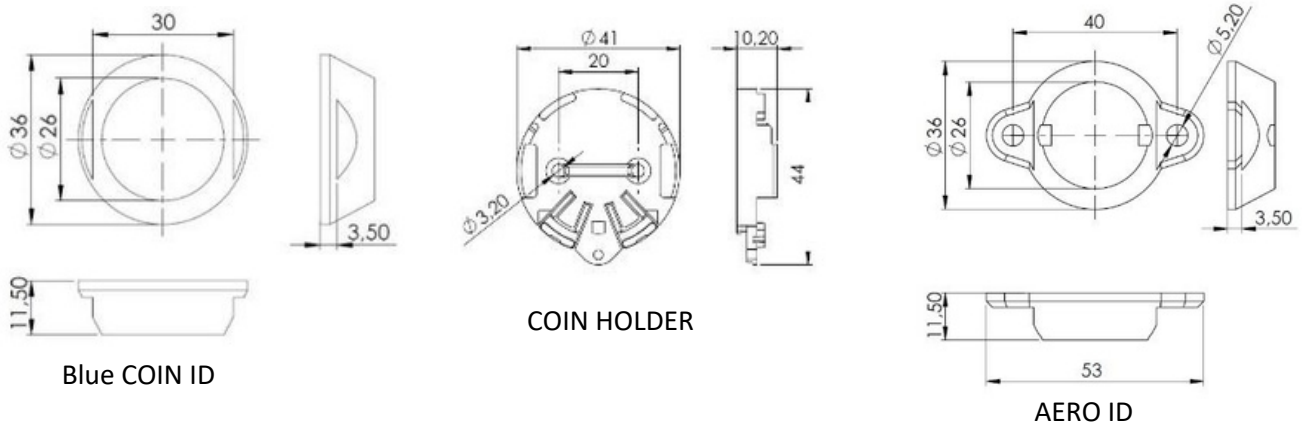
## HOUSING

Dimensions	Ø 36mm base - Thickness 11,5mm 2 holes : Ø 5,2mm, spaced of 40 mm (AERO only)
Weight	13g
Materials	DELTRIN (POM C) Compatible with food products (90/128/EEC)
Waterproofness	IP 68
Operating temperature	-30°C to +70°C

## ACCESSORIES

Tag support	<p><b>Holder + double-sided adhesive:</b> COIN HOLDER STICKER (ACIOM92C)</p> <p><b>Holder only:</b> COIN HOLDER (ACIOM91)</p> <p><b>Double-sided adhesive only:</b> COIN STICKER (ACIOM187) 3M PT1100 - Ø 34mm – Thickness: 1,1mm</p>
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## MECHANICAL DRAWINGS



## AVAILABLE REFERENCES

Ref	Description
IDF10240-01A	Blue Coin ID IP68
IDF10240-02A	Blue Coin ID Bluetooth advanced features ready version & IP68
IDF10240-03A	Aero ID IP68
IDF10240-04A	Aero ID Bluetooth advanced features ready version & IP68