

BLUE WATCH ID

Ref. IDP27240A



BENEFITS

- Very high range: up to 200 meters
- High lifecycle: up to 5 years
- Pick to light : integrated LED
- IP55 Waterproof
- Integrated NFC chipset



TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	2.4 GHz - Bluetooth Low Energy 4.0/4.2
Output power	Up to +4 dBm (configurable)
Range	Up to 200 meters in open field (+4dBm)
Transmission period	Advertising period (0,1 sec to 10 sec – configurable in seconds)
Radio frame format	Identifier : 15 characters max (15 bytes) Compatible : ID (ELA), iBeacon (Apple) and Eddystone (Google)* <i>*Refer to the frames specification for more information.</i>
Parameters and configuration	Interface/protocol : NFC (Type 2)
Connected mode	LED indicator (ON / OFF) command / Battery level
Advertising mode	Periodic transmission of identifier data (beacon mode)

BATTERY

Power supply	3 VDC – Internal lithium battery
Battery life	ID (ELA) : 5.1 years, iBeacon (Apple) : 4.9 years, Eddystone (Google) : 5 years* <i>*Refer to the battery life curves for more information.</i>
Battery level	Low battery warning from 15%

CERTIFICATIONS

Europe	CE : EN 300 328/EN 300 330 / EN 301 489 / EN 62311 / EN 62368
USA	FCC : FCC PART 15
Canada	ISED : RSS-247/ICES-003
RoHs	Yes

HOUSING

Dimensions	47 X 37,1 X 12.5 mm
Weight	11g
Materials	Polyamide (Nylon) PA12
Waterproofness	IP 55
Operating temperature	-20°C to +55°C

ACCESSORIES

Tag support	WATCH STICKER (ACIOM205)
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MECHANICAL DRAWINGS

