



# **BLUE** ANCHOR

Industrial MESH 2.4GHz beacon

### **BENEFITS**

- Simple deployment, maintenance, and expansion
- Very High autonomy : up to 15 years
- Pick to Light : integrated high power LED
- IP68 waterproof grade
- Over-the-air (OTA) firmware update via network

## **TECHNICAL SPECIFICATIONS**

#### **OPERATING MODE**

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	915 3.2 T
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Frequency	2.4 GHz – BLE channel / Mesh network			
Output power Range	Up to +4 dBm (Smart network) Up to 100 meters open field (+4 dBm)			
Transmission period	Transmission periods 15" to 18H.			
Radio frame format	Setting of the 3-byte identifier, WIREPAS Network Address and Channel.			
	BLE Advertising Frame: Transmission Interval, Name and Power.* *Refer to the frames specification for more information.			
Settings and configuration	Interface/protocol : NFC (Type 2) Acceleration level for inertial event wake up (32 mg to 8000 mg) Network Configuration and Diagnostics: Wirepas Network Tool software			
Mobile beacon mode Anchor beacon mode	Periodic transmission of identifier and location data Fixed point: fixed mesh network installation; data uploaded wirelessly via network			
LED indicator	Controllable via network			

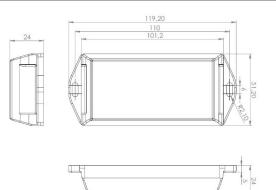
**Wirepas** 



#### BATTERY

Power supply	3.6 VDC – Internal LS14500 lithium battery						
Battery life	T°	Anchor	Mobile Beacon (position transmission period)				
		-	1 min	5 min	10 min		
	+20°C	15 years	3 years	12 years	20 years		
	+70 °C	11 years	2 years	9 years	15 years		
	-40°C	8.5 years	1.5 years	5 years	9 years		
	ТТ Торіс*						
CERTIFICATIONS							
Europe	CE : EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368						
USA	FCC : FCC PART 15						
Canada	a RSS-247 / ICES-003						
RoHS	Yes						
HOUSING							
Dimensions	119.2mm x 51.2mm x 24mm						
Weight	122g						
Materials	DELRIN (POM C) Compatible with food product (90/128/EEC)						
Waterproof grade	IP68						
Operating temperature	-40°C to +85°C						
ACCESSORIES							
Tag sticker	ANCHOR/LORA STICKER (ACIOM202) 3M PT1100 – 101.2 x 51.2mm – Thickness: 1,1mm						

#### **MECHANICAL DRAWINGS**



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