

AERO ID+ Mesh

Industrial MESH 2.4Ghz location beacon



BENEFITS

- Simple deployment, maintenance, and expansion
- Smart battery management - High autonomy : up to 6.5 years
- Pick to Light : high power integrated LED
- Waterproof (IP68)
- Smart & secure programming by NFC
- Over-the-air (OTA) firmware update via network



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 100 meters in open field (+4dBm)
Transmission period	Setting of the 2 transmission periods (Moving state and static state), 15" to 18H.
Radio frame format	Setting of the 3-byte identifier, address and WIREPAS network channel. BLE Advertising Frame: Transmission Interval, Name and Power.* <i>*Refer to the frames specification for more information.</i>
Settings and configuration	Interface/protocol : NFC (Type 2) Acceleration level for inertial event wake up Network Configuration and Diagnostics: Wirepas Network Tool software
Mobile beacon mode	Periodic transmission of identifier and location data
Sensor performance	Location accuracy: 5 to 10 meters Accelerometer: Detection of inertial events (extension of battery life) Range: -8g to 8g, configurable threshold

BATTERY

Power supply	3 VDC – Internal lithium battery
Battery life	Up to 6.5 years Battery voltage level sent via network and on MQTT Topic* <i>*Refer to the battery life curves for more information.</i>

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	Ø 36mm base - Heigh :11.5mm 2 holes:Ø5.2mm, spaced of 40mm
Weight	13g
Materials	DELFIN (POM C) – Yellow color (Pantone 803C)
Waterproof grade	IP 68
Operating temperature	-30°C to +70°C

MECHANICAL DRAWINGS

