

# **BLUE COIN 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 – BLE channel / Mesh network

Output power Up to +4 dBm (configurable/ smart network)

Range Up to 100 meters openfield (+4 dBm)

**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.\*

\*Refer to the frames specification for more information.

**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\*

\*Refer to the battery life curves for more information.

**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 – height : 11,5mm

Weight 13g

Materials DELRIN (POM C) Compatible with food product

(90/128/EEC)

Waterproof grade IP68

Operating temperature -30°C to +70°C

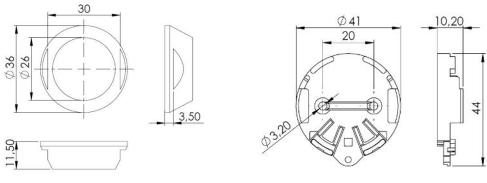
**ACCESSORIES** 

Tag support COIN HOLDER STICKER (ACIOM92C)

COIN HOLDER (ACIOM91) COIN STICKER (ACIOM187)

3M PT1100 - Ø 34mm - Thickness: 1,1mm

### **MECHANICAL DRAWINGS**



Blue COIN ID+ MESH

**COIN HOLDER**