

acnSENSA

Multi Sensor Beacon
Take a sense of the environment around you



**MA:DE IN
GERMANY**

aconno™

acnSENSA

The acnSENSA is a fully integrated BLE sensor beacon that measures pressure, light, temperature, humidity, tilt, magnetic field, vibrations and acceleration. It is based on aconno's ACN52832 Bluetooth 5 module and designed to deliver sufficient processing power with ultra-low power usage and long battery life. Each beacon comes with a premium battery and packed in a solid, highly durable casing.

Use cases:

- Climate monitoring – measure environmental parameters
- Predictive maintenance – motor vibrations and heat
- Transportation and asset management – track variables in transportation (e.g. cold chain deliverables, tilt, shake, temperature and humidity changes)
- Motion control – gaming applications

Advantages:

- Supports the latest sensor technologies:
 - ST® LSM9DS1 9-Degrees of Freedom sensor
 - NXP® MPL115A1 absolute pressure sensor
 - SiliconLabs® SI7006 temperature and humidity sensor
 - Microchip® MCP9700 low power temperature sensor
 - ON Semiconductor® KDT00030TR Light Sensor
- Long battery life with premium CR2450 lithium battery
- Tag-Connect® interface for easy and fast programming
- Small and durable casing
- Adaptable settings to suit various use cases
- CE, CE RED, FCC, IC certified. RoHS compliant
- Free for individual programming / open source

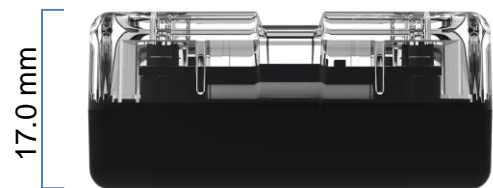
Device Specifications:

- Connectivity: Bluetooth 5 / smart based on ACN52832 BT module
- Weight: < 25g
- Power supply: Premium CR2450 Lithium Battery 3V, 560 mAh
- Battery life: > 2 Year operation on 10 min. measuring intervals
- Enclosure: IP65 (without pressure and moisture sensor)
- User interface: Sensorics application on Google Play
- Resources: open source at GitHub



34.2 mm

38.5 mm



17.0 mm



Let's do I(o)T together!

