

SMART BEACON

Overview

NetOP Smart Beacon With Adapter is a Bluetooth5.0 beacon based on Nordic Semiconductors nRF52832 chipset that uses a 3V power adapter. It is a long range wireless sensor and it gives temperature, humidity, air pressure, accelerometer and battery level as outputs. This sensor is compatible with Bluetooth5.0 technology.

Key Features

- Real plug & play
- Easy to mount & install
- Maintenance free – install & forget
- Secure communication
- Low Power Consumption
- Longer Range
- Certifications: CE



Communication Specs

- The sensor uses Bluetooth5.0 technology
- Compliant with unlicensed 2.4 GHz ISM band
- Internal Antenna
- Radio Performance : Upto +4 dBm TX power and -96 dBm RX sensitivity
- No PC required for operation

Mechanics

- Housing: ABS
- Dimensions Ø 51 x 14 mm
- Operating temperature -40°C to +85°C

Data Security

- AES-128

Power Supply

- 3V Power Adapter

Indicators

- Status LEDs (on board)

Sensor Specifications

Measurement Range	:	-40 °C ~ +125 °C 0-100 %RH, ± 2.0 / 4, 8,16 g
Accuracy	:	± 0.3° C, ± 2 %RH, ± 40 mg
Resolution	:	0.04 °C, 0.7 %RH, 4 mg
Data Transmission Period	:	1 minute(default, it can be set depend on request)

Certifications & Reliability

- CE
- EN 62479
- EN60950

- EN 301 489-1
- EN 301 489-17
- EN 300 328

Applications

- Monitoring Freezer and cooler
- Server Room Monitoring
- Cadaver storage cooler

- Greenhouse Monitoring
- Warehouse temperature monitoring
- Inclination Monitoring
- Acceleration Monitoring