

Bluetooth Temperature and Humidity sensor - ER-Beacon-V4.1 1 Year warranty

Product Overview

ER-Beacon-V4.1 Temperature Sensor is a rugged and compact Bluetooth enabled temperature sensor. It is a low-power Bluetooth Low Energy (BLE) 5.3-compliant solution designed specifically for reading temperature data from refrigerator. Small form factor, combined with low power consumption, makes it perfect for a wide range of applications such as industrial, retail, and IoT. The device is used for industrial usage and the programmer/developers will need to decode advertisement data to extract information about temperature and humidity.

About this item

- ABS housing, compact
- Eddystone Compatible
- Built-in Battery Pre-installed coin-cell battery (~1 year life)
- Ultra-low power consumption
- Used for Industrial usage purpose only / not for consumer usage
- BLE 5.3
- Reads temperature once in 15 mins
- Beacons every 1 second
- Write to supplier to know the advertisement format with temperature data
- Accuracy +/- 0.5 degree Celsius
- Temperature range -30°C to 75°C
- Made in India

ER-INV1 BLE specifications with inbuilt battery	
Power Source	Internal 3V Battery
Model No	ER-Beacon-V4.1
Operating Voltage	1.7-3.6V
Current Consumption-Sleep Mode	640nA at 3V
Current Consumption-Tx Mode at 0dBm	9.6 mA at 3V
Battery life	Up to 1 years
Transmit Power	Up to +3dBm
Supports BLE 5.3	Yes

Advertisement type supported	Legacy and extended
Beacon interval	100ms to 40000ms
Security/Password Protected	Yes, AES128
Temperature sensor available	Yes
Temperature sensor range(accuracy)	+/- 0.5 degree Celsius
Operating temperature range	-30°C to 75°C
Working humidity	0 to 99%RH
Flash Memory	512KB
No of records stores	30000 Records
IP65	Yes
Enclosure Material	ABS Plastic
Dimension	Approx 42*48*20mm