

## Multifunctional BLE Sensor

# TEMPERATURE TRACKER



## PRODUCT DESCRIPTION

The Temperature Tracker is a versatile sensor that uses Bluetooth communication technology to seamlessly interact with a paired mobile device or tracking unit. It incorporates a temperature and humidity sensor and a light sensor and comes with a Hall Effect door sensor to extend the functionality of the tracking unit. Furthermore, its zero installation design dramatically reduces labor costs and saves time for business users.

## APPLICATIONS

- Cold-Chain-Monitoring
- Perishable Goods Logistics
- High-Value Asset Security

## FEATURES

- BLE 4.2 communication (2.4 GHz)
- Integrated temperature and humidity sensor
- Hall effect door detection sensor
- Light sensor for environmental detection
- Long battery lifetime (> 3 years)
- LED status indication
- Compact and easy installation design

### SUPPORTED STANDARD / TAGS

Bluetooth	BLE 4.2 2.4 GHz
Transmission distance (open area)	50m
Battery	1000mAh Li-MnO2 battery
Temperature Range	-20°C up to +70°C
Temperature Error	± 0,5°C (10 to 50°C); ± 2°C (<10°C or >50°C)
Humidity Range	0 up to 100%
Humidity Error	± 2,5% (0% up to 90%); ± 3,5 (>90%)
Operating Temperature	-20°C up to 70°C
Storage Temperature	-40°C up to 60°C
IP Rating	IP65
LED Indicaton	Red (Working status)
Side Button	To change working mode
Sensors	Light sensor, Hall effect door sensor, Environmental sensor
Compatiability	Universal Tracker
Device Dimensions	40 x 40 x 15mm (BLE sensor); 65 x 32 x 25mm (Door sensor)