

**Compact BLE temperature sensor with external PT1000 probe for precise temperature monitoring across an extended range. Ideal for applications requiring remote temperature measurement with food-grade materials and extended battery life.**

✦ Bluetooth Low Energy

🔋 Up to 7 years battery life

💧 IP68 probe / IP65 housing



Ø 57mm × 20mm (2¼ in × 25/32 in)  
63g (2.2 oz)

## Temperature Monitoring

### Probe Range

-80°C to +200°C

### Resolution

0.1°C

### Accuracy

- ±0.5°C typical (-30°C to +60°C)
- ±2°C typical (-80°C to +200°C)

### Housing Operating Temperature

-40°C to +85°C

## Probe Specifications

### Sensor Type

PT1000

### Dimensions

Ø 3mm × 28mm

### Material

- Stainless steel probe
- Teflon cable insulation

### Connection

M8 x 1.0

### Cable Length

1 meter

### IP Rating

IP68

## Connectivity

### Technology

Bluetooth Low Energy (BLE)

### Advertisement Period

2 seconds at +4dBm

### Transmission Range

Up to 60 meters (65 yards)

## Physical Characteristics

### Housing Dimensions

Ø 57mm × 20mm (2¼ in × 25/32 in)

### Casing Material

DELTRIN (POM C) - Food Grade

### Weight

63 grams (2.2 oz)

### Housing IP Rating

IP65

## Power

### Battery Type

Non-replaceable internal lithium battery (3 VDC)

### Battery Life

Up to 7 years (depending on transmission power)

## Certifications

### Europe

- EN 300 328
- EN 301 489
- EN 55032
- EN 62368-1
- EN 12830
- CE marked

### Canada

ISED certified

### Environmental

RoHS compliant

### USA

FCC certified

### UK

UKCA certified