



Technical specifications

Applications

- Transportation and storage of fresh and frozen food (EN 12830, EN 13485)
- Pharmaceutical transportation and storage
- Warm food transportation
- Cold and hot environment monitoring (from -40°C to $+85^{\circ}\text{C}$)

Mounting

- Retail shops, warehouses, restaurants...
- Refrigerators, iceboxes, cold rooms, freezers
- Containers, trailers
- Transport boxes and containers

Function

- Up to 600 000 temperatures without battery change and/or battery charging
- Compatible with Seemoto gateways
- Wireless communication - range up to 200-400 meters line-of-sight
- Internal memory for over two months
- Measurement interval 5 minutes

Benefits

- Automatic operation and temperature logging
- Real-time communication
- Easy to install
- Reliable, secure and maintenance free
- Waterproof (IP68) enclosure

Features

- Accurate, calibrated temperature sensor
- 2.4GHz wireless encrypted and secure data communication
- Snap-on - installation to mounting frame that has screw and adhesive options
- Low power consumption - operation time 2 - 5 years

Usage

- Wireless temperature monitoring
- Operating temperature -40°C ... $+85^{\circ}\text{C}$
- Self-powered—no battery replacements, no charging
- Remote control, configuration and diagnostics
- Sensor location tracking from Seemoto service

Reporting

- Temperature, resolution 0.1°C (measurement uncertainty $\pm 0.5^{\circ}\text{C}$)
- Battery voltage
- Radio network quality (RSSI)
- LEDs for GW joining (green/red)

Size and weight

- Sensor**
- Size: 71 x 37 x 12 mm
Weight: 32 g
- Mounting frame**
- Size: 97 x 62 x 12 mm

Standards

- EN 12830:1999; S; T; C; D; 1
- EN 13485:2001
- EN 301 489-1 / -7 / -17 and Directive 2006/28/EC
- Complies with 2011/65/EU (RoHS)
- EN 300 328
- EN 61010-1