



### 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  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ )

#### Mounting

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

#### Function

- Upto 600 000 temperatures without battery change
- Compatible with Seemoto gateways
- Wireless communication - range up to 200-400 meters line-of-sight
- Internal memory for over one month
- Measurement interval 5 minutes

#### Benefits

- Automatic operation and temperature logging
- Real-time communication
- Easy to install
- Reliable, secure and maintenance free
- IP64 protection: sealed against dust, resists water splashes

#### 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 and humidity monitoring
- Operating temperature  $-40^{\circ}\text{C}$  ...  $+85^{\circ}\text{C}$
- Self-powered- no battery replacements, no charging
- Remote control, configuration and diagnostics
- Sensor location tracking

#### Reporting

- Temperature, resolution  $0.1^{\circ}\text{C}$ , accuracy  $\pm 0.5^{\circ}\text{C}$
- Relative air humidity range 1-100%RH, accuracy  $\pm 3\%RH$
- 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