

Therma^o Product Specifications

In the Box

Wireless Sensor

Zip ties

4G Cellular Hub

Power supply

Quick Start Guide

Features

+/- 0.3°C (0.5°F) temperature accuracy
+/- 3% humidity accuracy (10% - 90% RH)
Available with an external temperature probe

Sensor

Thermistor Specifications

| | |
|-----------------------------|-----------------------------------|
| Accuracy at 25°C | +/- 0.3°C (0.5°F) |
| Resolution | 0.01°C |
| Time Constant at 25°C | 15 sec max |
| Sensor Weight | 2.5 oz. (without probe) |
| Sensor Dimensions | .29 in x 1.77 in x .66 in |
| Operating Temperature Range | -55°C to +125°C (-67°F to +257°F) |

Humidity Specifications

| | |
|--------------------|---|
| Accuracy | ± 3% under normal conditions (10% - 90% RH) |
| Resolution | 0.04% RH |
| RH Operating Range | 0-100% RH |
| RH Response Time | 8 sec (tau 63%) |

Battery Specifications

| | |
|---------------------------------------|--|
| Battery Type | 2400 mAh Non-Chargeable Battery |
| Supply Voltage | 3V |
| Battery Life | Included battery will typically last 10+ years |
| Optimal Battery Operating Temperature | -40°C to +85°C (-40°F to +185°F) |

Therma° Product Specifications

Sensor

900 MHz Specifications

| | |
|---------------------|---|
| Operating Frequency | 900 MHz (United States, configurable for other countries) |
| Certifications | Complies with Part 15 of the FCC Rules (FCC ID: ZHZLHT65) |
| Device Range | Up to 1,200 feet non-line-of-sight |
| Security | AES-128 CBC with Diffie-Hellman Key Exchange |

4G Cellular Hub

Cellular 4G Hub Specifications

| | |
|------------------------|---|
| Cellular Technology | 4G LTE |
| SIM Card | AT&T |
| SIM Card Compatibility | Micro-SIM (3FF) 15 mm x 12 mm x 0.76 mm |
| Device Memory | 50,000 sensor messages Sensor messages will be stored in the event of Internet outage and transferred when a connection is restored. |

Commercial Hub Specifications

| | |
|-----------------------|---|
| Hub Weight | 5.29 oz |
| Hub Dimensions | 4.72 in x 3.34 in x 1.18 in |
| LED Lights | Internet Connectivity Status, Power Status, Sensor Network Status |
| Operating Temperature | +5 to +45°C (41 to 113°F) |

900 MHz Specifications

| | |
|---------------------|---|
| Operating Frequency | 900 MHz (United States, configurable for other countries) |
| Certifications | Complies with Part 15 of the FCC Rules (FCC ID: ZHZHE) |
| Device Range | Up to 1,200 ft. non-line-of-sight |
| Security | AES-128 CBC with Diffie-Hellman Key Exchange |