

## SpotSee® Go

Covering the cold to ambient range, -20°C to +50°C, this real-time device supports a wide array of temperature-sensitive products. It ensures continuous monitoring, traceability, and compliance across the cold chain, protecting product integrity and reducing risk during transport and storage.

### Battery Type

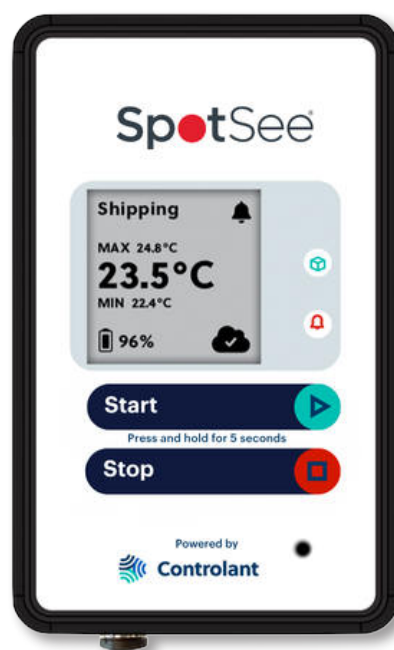
The device is powered by a rechargeable NiMH battery, 2500 mAh. NiMH batteries are not considered dangerous goods. The battery life cycle is at least 70 charge cycles.

### Battery life

A fully charged device on a 12-hour wake-up interval can be expected to upload data and report alarms for at least 110 days while monitoring an active shipment within the operating temperature range.

The device enters Hibernation Mode when the battery level reaches 5% or less, at which stage it stops attempting to connect to the Controlant cloud. In Hibernation Mode, it still records data and stores it in internal memory until the battery is depleted or the device is recharged.

The battery life depends on the set wake-up interval, as shown in the table below.



| Wake-Up interval | Battery Life |
|------------------|--------------|
| 1 Hour           | 20 Days      |
| 2 Hours          | 35 Days      |
| 3 Hours          | 45 Days      |
| 6 Hours          | 75 Days      |
| 12 Hours         | 110 Days     |
| 24 Hours         | >110 Days    |

## SpotSee® Go

### General Overview

|                                     |                                                                  |
|-------------------------------------|------------------------------------------------------------------|
| <b>Product Name</b>                 | SpotSee Go (Saga-P)                                              |
| <b>Model Name</b>                   | SpotSee Go (Saga-P)                                              |
| <b>Model Type</b>                   | Standard                                                         |
| <b>Dimensions</b>                   | 25 mm x 61 mm x 103 mm / 0.98 in x 2.4 in x 4.06 in              |
| <b>Weight</b>                       | 197.5 g / 6.97 oz                                                |
| <b>Housing</b>                      | ABS plastic enclosure                                            |
| <b>Available Information</b>        | Temperature, geographical location, battery status, light events |
| <b>Ingression Protection Rating</b> | IP55                                                             |
| <b>Flight Detection</b>             | Yes                                                              |
| <b>Display</b>                      | Yes, E Ink                                                       |

### Technical Data

|                              |                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Battery Type</b>          | Rechargeable NiMH battery, 2500mAh                                                                                      |
| <b>Nominal Energy</b>        | 9Wh                                                                                                                     |
| <b>Battery Life</b>          | Device transmits data for 20–110 days on a single charge, depending on cloud reporting interval, as detailed on page 1. |
| <b>Internal Memory</b>       | Storage capacity of 150 days of temperature measurements (when recorded at 10-minute intervals).                        |
| <b>Charging</b>              | Via attached USB-A cable                                                                                                |
| <b>Backup Data Download</b>  | Via attached USB-A cable                                                                                                |
| <b>Cellular Network Type</b> | 2G, 3G and 4G (LTE)                                                                                                     |
| <b>Cellular Coverage</b>     | Global                                                                                                                  |
| <b>Location Positioning</b>  | Cellular. Wi-Fi 2.4Ghz WPS (Receive only)                                                                               |

## SpotSee® Go

### Calibration

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Calibration Points      | -20°C ±1°C<br>+15°C ±0.5°C<br>+50°C ±1°C                                     |
| Calibration Accuracy    | ±0.5°C at -10°C to +45°C<br>±1°C at +45°C to +50°C<br>±1°C at -20°C to -10°C |
| Calibration Certificate | Available upon request                                                       |

### Measurement Data

|                                      |                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Measurement Intervals                | 10 minutes                                                                                                  |
| Data Reporting                       | Device needs to wake up and establish a connection to upload measurement data to the Controlant cloud.      |
| Wake-Up Schedule                     | Adjustable from 1h to 24h frequency. Device wakes up when excursion triggers alarm, regardless of schedule. |
| Standard Operating Temperature Range | -20°C to +50°C                                                                                              |
| Limited Operating Temperature Ranges | -30°C to -20°C / +50°C to +70°C                                                                             |
| Resolution                           | 0.1°C                                                                                                       |
| Long-Term Drift                      | <0.1°C / year                                                                                               |

### Certifications and Approvals

|                     |                      |
|---------------------|----------------------|
| Approvals           | CE, FCC, IC, NOM, KC |
| Aviation Compliance | IATA, FAA and EASA   |

### Manufacturer

|         |                                           |
|---------|-------------------------------------------|
| Name    | Controlant hf.                            |
| Address | Smáratorg 3,<br>201 Kópavogur,<br>Iceland |