



## Wireless Cold Chain Monitoring Solutions.....

The best way to prevent a cold chain failure is to automatically monitor, record and report on every **fridge, freezer, cool room, refrigerated truck or warehouse** in your facility which houses and protects your expensive temperature-sensitive products. **Infinity Thermosense** protects millions of dollars worth of medical vaccines, pharmaceutical products, raw materials and food products right across the globe and it can easily, affordably and professionally provide automatic temperature monitoring in your organisation too.

**Say “goodbye” too costly and ineffective manual cold chain reporting and experience the freedom and accuracy which our automatic temperature monitoring system can bring you.**

**It’s the perfect solution for:**

- Regulatory Compliance
- Automated daily logs
- Customizable Reports
- Email and SMS Alerts
- Battery Back up protection

**Our System is perfect for:**

- Pharmacies
- Hospitals & Laboratories
- Pharmaceutical Manufactures
- Restaurants, and Hotels
- Abattoirs & Food Manufacturers
- Refrigerated Vehicles

### HACCP REPORT

Device Name: Oakhurst Spar 37C265      Company Name: Oakhurst Spar ( )  
 Device ID: 37C265      Device Location: Hot Food Walk in Cold Rooms  
 Report Date Range: Last 30 days      Report Date: 1/18/2019

Date	Temperature Range setting	Total Readings	Readings Lower Than Setpoint Threshold	Readings Higher Than Above Threshold	Min Reading Record
2018-01-18	5°C to 7°C	47	0	2	2.1°C
2018-01-17	5°C to 7°C	44	0	2	2.1°C
2018-01-16	5°C to 7°C	44	0	2	2.1°C
2018-01-15	5°C to 7°C	44	0	2	2.1°C
2018-01-14	5°C to 7°C	44	0	2	2.1°C
2018-01-13	5°C to 7°C	44	0	2	2.1°C
2018-01-12	5°C to 7°C	44	0	2	2.1°C
2018-01-11	5°C to 7°C	44	0	2	2.1°C
2018-01-10	5°C to 7°C	44	0	2	2.1°C
2018-01-09	5°C to 7°C	44	0	2	2.1°C
2018-01-08	5°C to 7°C	44	0	2	2.1°C
2018-01-07	5°C to 7°C	44	0	2	2.1°C
2018-01-06	5°C to 7°C	44	0	2	2.1°C
2018-01-05	5°C to 7°C	44	0	2	2.1°C
2018-01-04	5°C to 7°C	44	0	2	2.1°C
2018-01-03	5°C to 7°C	44	0	2	2.1°C
2018-01-02	5°C to 7°C	44	0	2	2.1°C
2018-01-01	5°C to 7°C	44	0	2	2.1°C

Infinity IOT™ is on a mission to reduce supply chain abuse and help keep the products you rely on safe. We bring visibility, accountability, and traceability to sensitive and perishable products throughout the supply chain. Our wireless sensors will immediately notify you whenever there is an issue with your equipment, infrastructure or environment. Infinity IOT saves you time and money by alerting you before a small problem becomes a big problem. Our world-class dashboards also allow you to track historical data and review trends, productivity and utilization.

Ensure quality, regulatory compliance, and protect your valuable inventory with 24/7 fully automated temperature monitoring protection. Maintain proper temperatures and reduce the risk of costly spoilage while ensuring compliance with accurate temperature record keeping. Effortlessly monitor all of your storage equipment 24 hours a day, 7 days a week.



## How does it Work

### It's Time To Move To Automatic Monitoring

Now you can monitor, record & report on ambient temperatures and humidity levels inside **fridges, freezers, cool rooms, refrigerated trucks, incubators and ovens** around the clock from the convenience of desktop and mobile devices.

Infinity Thermosense is an enterprise grade temperature monitoring system developed specifically for use with refrigeration equipment. High accuracy digital sensors transmit information wirelessly to the Infinity cloud where your data is then available from anywhere via the Infinity IOT cloud application. Our Automatic Temperature Monitoring System automates your daily cold chain procedures and ensures that you never suffer a cold chain failure again!

 A composite image featuring a tablet displaying a software dashboard with a table of sensor data, a circular badge with '100% PEACE OF MIND', a thermometer icon labeled 'TEMPERATURE', and a variety of fresh vegetables and fruits.
 

Sensor Type	Company Setup	Description	Last Update	Status	Battery
Temperature	Checkers Food Services /	FEA   30388	9/2/2020 6:28:00 PM	-16.90°C	3.28v
Temperature	Checkers Food Services /	FEB   30376	9/2/2020 6:22:28 PM	-16.79°C	3.315v
Temperature	Checkers Food Services /	FE C   30378	9/2/2020 6:16:52 PM	-16.84°C	3.28v
Temperature	Checkers Food Services /	FE D   30374	9/2/2020 6:34:07 PM	-16.87°C	3.24v
Temperature	Checkers Food Services /	FE E   30374	9/2/2020 6:41:56 PM	-17.89°C	3.2v
Temperature	Checkers Food Services /	FE F   30374	9/2/2020 6:12:19 PM	-16.80°C	3.285v
Temperature	Checkers Food Services /	FE G   30376	9/2/2020 6:22:28 PM	-16.79°C	3.315v
Temperature	Checkers Food Services /	FE C   30378	9/2/2020 6:16:52 PM	-16.84°C	3.28v
Temperature	Checkers Food Services /	FE D   30374	9/2/2020 6:34:07 PM	-16.87°C	3.24v

### Infinity Cloud Software

The Infinity Cloud service is an online secure platform that allows you to remotely analyze your sensor data and generate reports.

Notifications are sent to users by email and / or SMS, if the values measured by the sensors are out of the user defined pre-set safe ranges.

Infinity sensors use standard communication protocols and can be easily integrated into third party IoT platforms, software solutions or mobile applications. We can provide you with all the necessary documentation (APIs, communication protocol) needed to develop your own IoT solution based on our hardware. You can also leave the communication, security and the device management to us and make a cloud to cloud integration over RESTful API.

# Professional Calibration Management Services

The Infinity temperature probes are offered with an optional traceable **SANAS** calibration certification. Contact us for details of our calibration support scheme. We offer the most cost-effective calibration solution on the market. Simply swap out your probes for new user replaceable calibrated probes and upload the latest calibration certificate to the **Infinity Thermosense** cloud.

Never have to worry about calibration again. Infinity IOT will manage all of your calibration requirements, shipping you your new probes and even offering rebates on your returned older probes.



## Infinity Thermosense Sensors - Wireless Sigfox Data Logger

Your perishable goods needs to be stored within a recommended safe temperature range. To prevent goods from spoiling, temperatures needs to be maintained in cold stores, freezers and display chillers. Our wireless low power sensors have an external temperature probe, which logs the temperature and transmits the readings to the Infinity Cloud. It comes in a rugged IP67 enclosure so the logger can be installed outdoors if needed.

### Sensor Information:

Temperature Range:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$   
Temperature Accuracy:  $\pm 0.1^{\circ}\text{C}$

### Device Information:

Dimensions: 110 x 58 x 30 mm  
Weight: 100 grams  
Housing: IP67

### Typical Applications:

Cold Chain Management  
Smart City and Buildings  
Smart Agriculture

### Long Battery Life:

Powered through a Li-SOCL2 battery, it allows standard autonomy up to 10 years.

### Secure connectivity:

Data is transmitted via the Sigfox cloud infrastructure to Infinity IOT Cloud for processing and reporting. No SIM-card or airtime is required.

### Notifications:

Set up alerts and be notified via WhatsApp or email whenever temperature is out of range.

### Easy Installation:

The device is compact and easy to install using screws, pop rivets, cable ties or double sided tape.

