

# CoolTrak365



CoolTrak365 is a lightweight and portable device for tracking temperature and GPS location in real time.

It provides an all-in-one solution for transmitting sensor data to the cloud and reporting alerts, suitable for in-transit and smaller installations where a traditional network controller/gateway setup may be impractical or costly.

CoolTrak365 can communicate directly to the cloud. Each unit can monitor up to 2 separate fridges, freezers or ambient areas.

CoolTrak365 monitors both environment and product temperature in real time.

The sensor has a live LED display, showing temperature, battery and signal strength. It comes with rechargeable battery and power supply/ charger.

## Benefits:

- ✓ CoolTrak365 delivers real-time product simulation data.
- ✓ CoolTrak365 data integrates with the CoolCheck stationary monitoring system with all data displayed on the same portal.
- ✓ It is the only system on the market to offer full integration between in transit/ remote and stationary applications.
- ✓ QR code provides for easy device registration.

## Applications

### In Transit:

- ✓ Pharmaceutical products, medical devices, sensitive raw materials, blood transportation, clinical research samples.

### In Situ/ Stationary:

- ✓ Medical fridges, medical freezers, retail pharmacy, doctors' surgeries, dentists' surgeries, health clinics, nursing homes, hospital wards, veterinary practices.

## Specification

<b>Internet Access:</b>	LPWAN - NB-IoT/LTE-M	<b>Data Storage:</b>	30 years.
<b>Location Services:</b>	Built-in GNSS Modem	<b>Local Device Memory Storage:</b>	Capable of storing 2880 readings. 10 days at 5-minute interval reading.
<b>Operating System:</b>	Proprietary Kelsius operating system built on top of Zephyr RTOS.	<b>Size:</b>	H = 126.3mm, W = 79.4mm, D = 27mm
<b>Alarms and Alerts:</b>	Realtime alerts with temperature excursion. Alerts via email, SMS*, push notifications via the Kelsius app, local audible sounder and LED flasher. Self-configurable alarm bands.	<b>Weight:</b>	200g
<b>Management:</b>	Each installation has matching website portal for viewing data and adjusting system settings. Automatic/remote firmware updates.	<b>Temperature Range:</b>	-30°C ~ +85°C
<b>Number of Sensors:</b>	Up to 2 sensors in 2 separate fridge/freezers. Customisable temperature logging frequency.	<b>Accuracy:</b>	±0.2°C
<b>Battery Type:</b>	EEMB LP9051109 3.7V 5500mAh rechargeable battery.	<b>Power:</b>	Power on/off switch.
<b>Battery Life:</b>	Temperature: 24 months on a 5-minute wake up and 30-minute send time. Temperature & GPS: 10 months on a 5-minute wake up and 30-minute send time.	<b>Warranty:</b>	10 years. Subject to normal wear & tear and Kelsius annual service.
<b>Screen:</b>	Live temperature display on LED screen.	<b>Regulatory Compliance:</b>	Complies with FDA 21 CFR Part 11 regulations.
<b>Data Sampling Interval:</b>	Records data every 5 minutes. Transmits data every 30 minutes.		

\* SMS option available at additional charge.