

FoodTrak365



FoodTrak365 is a lightweight and portable device that provides an all-in-one solution for monitoring temperature and GPS location in real time.

It is suitable for stationary and in transit applications.

FoodTrak365 communicates directly to the cloud without the need for expensive gateways. It can accommodate up to 2 external sensors for monitoring up to 2 external fridge/freezers or environments.

It monitors both the environment and the product temperature.

It is a cost-effective solution where only a small number of units need to be monitored or where temperature sensitive goods are in transit.

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

Benefits:

- ✓ FoodTrak365 delivers real-time product simulation data.
- ✓ Data integrates with the CoolCheck stationary monitoring system with all data displayed on the same portal.
- ✓ FoodTrak365 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:

- ✓ All food delivery vehicles requiring temperature and/or GPS location tracking.
- ✓ Food distribution companies. Wholesalers, catering companies. food service providers.
- ✓ Butchers, supermarket home delivery services.

In Situ/ Stationary:

- ✓ Any locations without access to LAN.
- ✓ Locations with small number of fridge/freezers.
- ✓ Butchers.
- ✓ QSR.

Specification			
Internet Access:	LPWAN - NB-IoT/LTE-M	Data Storage:	10 years.
Location Services:	Built-in GNSS Modem	Local Device Memory Storage:	Capable of storing 2880 readings. 60 days at 30-minute interval reading.
Operating System:	Proprietary Kelsius operating system.	Radio Range:	Urban (Dense): 1-5 km Suburban: 5-10 km Rural (Open): Up to 15 km
Alarms and Alerts:	Realtime alerts with temperature excursion. Alerts via email, push notifications via the Kelsius app, local audible sounder and LED flasher. Self-configurable alarm bands.	Size:	H = 126.3mm, W = 79.4mm, D = 27mm
Management:	Realtime remote data and reporting suite is available on the Kelsius portal and provides full remote sensor management and adjusting system settings. Automatic/remote firmware updates.	Weight:	200g
Number of Sensors:	Single sensor capable of monitoring up to 2 devices.	Temperature Range:	-30°C ~ +85°C
Battery Type:	3.7V 5500mAh LP9051109 Lithium Polymer (Rechargeable)	Accuracy:	±0.2°C
Fully Charged Battery Life:	2 years – Operating with GPS OFF, wakeup 30 minutes. 5 days – Operating with GPS ON. For long term GPS ON functionality, connect device to power supply to remove battery dependency.	Power:	5V via USB-C
Screen:	Live temperature display on LED screen.	Warranty:	7 years. Subject to normal wear & tear and Kelsius annual service.
Data Sampling Interval:	Records data every 30 minutes. Transmits data every 60 minutes.		