InTemp® Cold Chain Solutions

Real-time Cold Chain Visibility with InTemp
Location and real-time temperature tracking of your temperature-sensitive assets

Test Equipment Depot - 800.517.8431 - TestEquipmentDepot.com

Increased demand for visibility and efficiency in today's high-value Cold Chain logistics market requires robust, affordable solutions that provide shipping and quality managers with near-real-time data. Unfortunately, many currently available solutions involve costly multi-month/yearly plans that make for complex return logistics and inventory management, with only moderate gains in efficiency.

InTemp CX1000 cellular data loggers are the cost-effective solution that provides the visibility you need to make real-time decisions and protect your high-value shipments. With the InTemp solution, the data plan is built into the price of the logger. You pay just one upfront cost for a single-use or multi-use logger, without the worry of having to renew data plans.

Key Features:

✓ **Location** – Near-real-time asset location tracking

✓ **Temperature** – Monitor ambient temperature to ensure product integrity and quality

✓ **Alerts** – Get near-real-time notifications of temperature, light, shock, and low-battery events

✓ **Light** – Get alerted of any unexpected container/package openings to help ensure the security of your assets

✓ **Shock** – Monitor shock events, such as heavy turbulence, for highly sensitive pharmaceutical/Life Science products

✓ **Flight Mode** – Ensure communication shutoff during flights for IATA/FAA compliance, with dual sensor technology

✓ **Compliance** – Fully 21 CFR Part 11 compliant solution and ISO17025/ILAC calibration included with every logger
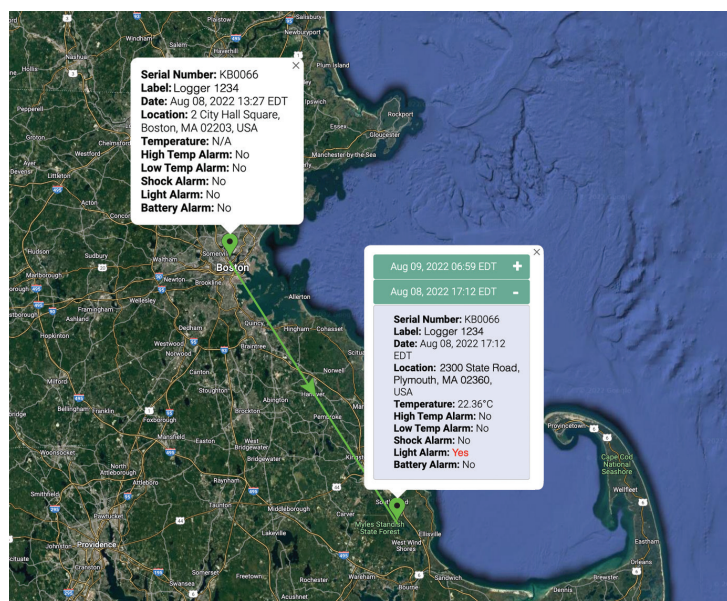
Always Know the Location and Status of Your Shipment

Using both CAT M1 cellular and Wi-Fi technology, InTemp CX1000 data loggers continuously inform you of your shipment's location, from origin to destination.

- Check the shipments dashboard on the InTempConnect cloud platform at any time to view the current location of your assets, as well as the current temperature and any critical alerts
- Work with your supply chain partners to quickly react to any excursion and help prevent product spoilage while maintaining quality standards
- Create on-demand reports in the free-to-use InTempConnect cloud platform

Supply Chain Temperature Monitoring and Real-Time Alerts

Various events that impact the quality and efficacy of your product can occur during shipment. Frozen product could be re-routed to the Middle East. An active container could lose its battery charge due to several delays.

With standard data loggers, these events aren't discovered until the end of the shipment. But with InTemp CX1000 loggers, you can:

- Monitor temperatures in near-real-time and receive automated SMS and email alerts whenever a temperature excursion occurs
- Use the InTempConnect system to set up warning parameters so you can take corrective actions before a quality-impacting event occurs
- Reduce excursion risk and improve your bottom line with the InTemp CX1000 real-time solution

Compliance at a Glance

The InTemp CX1000/InTempConnect solution gives you the tools you need to meet your organization's regulatory needs.

- InTemp CX1000 data loggers are fully compliant with global standards including, but not limited to, GXP, FDA, and FAA/IATA
- InTemp CX1000 data loggers provide essential environmental data for regulatory auditors, proving the safety and efficacy of your product
- Combined with the 21 CFR Part 11 compliant InTempConnect cloud platform, InTemp CX1000 loggers deliver a fully compliant product monitoring solution with highly accurate and secure data

Take the worry and work out of regulatory compliance with the InTemp solution.

Technical Specifications

Part number	CX1000
Model Types	Single-use and multi-use
Temperature Range	-20°C to +60°C
Temperature Accuracy	+ 0.5°C from -20 to 60°C (-4.0°F to 140°F)
Data Storage Capacity	31,200 readings with data wrap
Network Connectivity	CAT M1 (4G) with 2G global roaming
Location/Accuracy	WiFi SSID/cell-id (100m)
Total Runtime (rec duration)	30 days (@ room temperature) (Off schedule cellular uploads triggered by temp excursions, light, shock, and low battery events may impact total runtime)
Data Recording Interval	Min. 5 minutes or more (configurable)
Data Sending Interval	Min. 30 minutes or more (configurable)
IP Rating	IP64
Weight	140g
Dimensions	100 mm x 50 mm x 18.5 mm (LxWxD)
Certifications	According to EN 12830, CE, BIS, FCC
Connection Interface	5V DC - USB Type C
Battery	3000 mAh, 3.7 Volts, 0.9g Lithium
Airline	Approved as per AC91.21-ID, AMC CAT.GEN. MPA.140, IATA guidance document - battery powered cargo tracking data logger
Notifications	Via SMS and Email

Test Equipment Depot - 800.517.8431 - TestEquipmentDepot.com

ONSET®