



TempTale®.GEO LTE

Next generation of real-time monitoring solutions — 4G/5G coverage, non-lithium battery option

TempTale® GEO LTE and TempTale® GEO LTE Extended provide the latest advancement in real-time temperature monitoring. An easy to implement solution—days versus weeks. A simple push-button start and placement with the cargo begins tracking. Through the SensiWatch® Platform, products temperature and location can be tracked end-to-end while in transit. Real-time alerts will let operations know if problems occur enabling proactive intervention. Dashboards and reports provide insights into supply chain weak spots, while score cards help drive improvements among supply chain partners.

Key features include:

- LTE Cat-M1 for 4G/5G networks with 2G fallback provide the best connectivity coverage
- Non-lithium battery shelf life up to 180 days
- Temperature range of -10°C to 55°C (14°F to 131°F) for refrigerated shipments and -30°C to 55°C (-22°F to 131°F) for frozen shipments
- Humidity sensor range of 10-100% RH
- Light sensor measures 0-400 lux helps indicate if doors or cartons open
- Recycling options are available



Sensitech's 30 year history of delivering high-end technology is coupled with the most reliable and robust supply chain in the industry, with over 90% of orders fulfilled within 48 hours.

Proactively manage supply chain disruptions and save money with real-time visibility

Improve on quality and safety compliance goals through continuous monitoring

Gain continuous supply chain improvements through data analytic insights

Streamline operations by knowing where to focus time and resources

TempTale® GEO LTE

SensiWatch® Platform powered by TempTale® GEO monitoring suite, provides uninterrupted visibility with notifications and data analytics to help drive continuous improvements in your operations.



Regardless of global cellular connectivity requirements, Sensitech's TempTale GEO Suite provides an uninterrupted solution for the collection of critical cold chain data.

TempTale® GEO LTE		TempTale® GEO LTE Extended
Device Uses		
Shipment Duration/Type	Single use for refrigerated shipments up to 30 days configurable based on reporting interval.	Single use frozen shipments and extended refrigerated shipments up to 90 days configurable based on reporting interval.
Modes of Transportation	Road, Rail and Ocean	
Sensor Types and Device Data		
Temperature	Temperature Range: -10°C to 55°C (14°F to 131°F) Temperature Accuracy: NIST® Traceable ± 0.5°C for -10°C to 45°C (14°F to 113°F) ± 1.0°C for 45°C to 55°C (113°F to 131°F)	Temperature Range: -30°C to 55°C (-22°F to 131°F) Temperature Accuracy: NIST® Traceable ± 1.0°C for -30°C to -10°C (-22°F to 14°F) ± 0.5°C for -10°C to 45°C (14°F to 113°F) ± 1.0°C for 45°C to 55°C (113°F to 131°F)
Location (Cellular)	LTE Cat-M1 for 4G/5G networks with 2G fallback	
Light Range	0-400 lux, measuring 0-100%	
Humidity Range	10-100%	
Device Memory	5,000 data point capacity per sensor	
Device Physical Specifications and Certifications		
Global Certifications	FCC; CE; NOM; Anatel; PTCRB; RoHS; WEEE; IEC standard EN61000-4-2 Level 4, EN61000-6-3: 2007+A1: 2011; EN61000-6-1 2007+A1:2007; RTCA/DO-160: Section 20 – RF Susceptibility (Radiated) – Category S and Section 21 – Emissions of RF (Radiated) – Category M and H.	
Battery Type/Shelf Life	Non-Lithium; up to 180 days shelf life	Lithium; up to 180 days shelf life
Dimensions	121.5mm x 115.5mm x 25.5mm	
Weight	207 grams	
Environmental Rating	IP64	
Display Indicators	LED lights indicate start, stop and status	