

TempTale® GEO XE

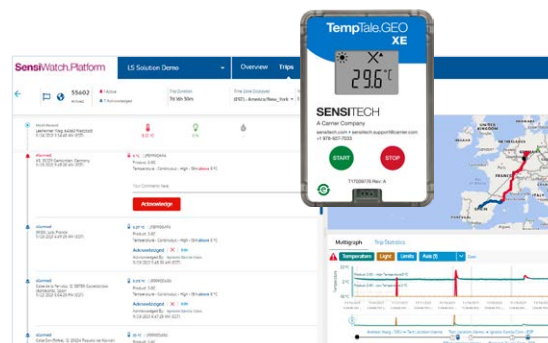
Intelligent Shipment Visibility for Extended Trips

The TempTale® GEO XE enables global real-time shipment location tracking with calibrated temperature monitoring for extended shipments. Tailored for industrial applications, the TempTale GEO XE solution proactively notifies logistics and partners, providing in-transit visibility and alerts, speeding product release by automating data sent to the cloud.

The TempTale GEO XE solution adds intelligent visibility to your shipments, ideal for informing shipment accept/reject decisions. Built-in battery management simplifies device management. The solution offers crucial insights into what happened on your shipment to support root cause analysis.

Key Features and Benefits

- Small IoT device fits most packaging
- Arrives fully charged and ready to use
- Immediate, real-time temperature, light, humidity, and location notifications
- Optimized for extended trips up to 120 days
- Supports frozen shipment monitoring to -30°C
- Communicates as frequently as every 15 minutes and immediately upon alarm
- Global cellular communication coverage with added Wi-Fi locates for precise proof of delivery
- Lithium metal battery (no IATA dangerous goods declaration if < 3 devices in consignment)
- No worries about device battery life
- Hardware alarms and software alarms to speed shipment release
- Each device is individually 3-point NIST calibrated before every use, with a Certificate of Calibration
- Failsafe, secondary download with Bluetooth and the TempTale App (iOS and Android)
- Sensitech manages the Sustainable Device Renewal Program, keeping device operations simple for shippers and receivers



SensiWatch® Platform provides end-to-end visibility and alerts while in-transit. Take advantage of real-time data and notifications:

- Delays and missed flights
- Port congestion, extended dwell times
- Proximity of arrival
- Hands free, automatic end of trip
- Early warning temperature trending beyond limits.

A convenient route to reducing CO₂ emissions and supply chain waste



TempTale® GEO XE Specifications	
Recording Option	Single Use (for Shippers), Sensitech Manages Device Renewal Program
Certified Modes of Transport	Air, Ocean, Road, Rail (Airline approvals upon request)
Sensor Types	Temperature, Humidity, Light
Temperature Measurement Range	-30°C to +55°C (for colder temperatures probed, TempTale GEO XP and XEP to -95°C)
Temperature Accuracy Range	±0.5°C from -10°C to +45°C ±1.0°C from -30°C to -10°C; ±1.0°C from +45°C to +55°C
Humidity Measurement Range	10% to 90% RH, non-condensing
Humidity Accuracy Range	Typical ±3.0% / Max ±5.0% RH from 10% to 90% RH
Alarms	- Up to 6 hardware (Single Temp Limit, Temp Range, Dual Temp Range, MKT, Duration) and 12 software alarms; alarm is triggered when temperature exceeds set limits - Single-Event (Continuous) or Cumulative
Temperature Accuracy Certification	3-point NIST® Traceable per monitor before each use, Certificate of Calibration provided
Temperature Sensor Sample Interval	Programmable from 5 minutes to 2 hours
Start Up Delay	0 minutes to 24 hours
Light Sensor Range	0-100%
Communication	LTE CAT-M1 (for 4G/5G networks) with 2G fallback
Memory	16,000 data points per sensor
Battery Type	Lithium metal (non-replaceable, < 2 grams lithium) (no IATA dangerous goods label or declaration if <3 devices in a consignment)
Shelf Life & Sustainability	6-month shelf life (press start by use by date, shipper operations simple) - Sensitech manages renewal of returned devices for reuse. No lost device fees.
Operating Life	Up to 120 days, with communication reporting interval from 15 minutes to 360 minutes; Configurable based on total days for shipment. (For shorter shipments see TempTale GEO X for up to 60 days)
Dimensions and Weight	91 mm x 61 mm x 31 mm; 121 grams
Environmental Rating	IP64
Regulatory	FCC, CE, IC, RTCA – D0160G, 3-Point NIST Traceable Calibration (each device individually calibrated)
Display Indicators	LCD screen icons: Running, Started, Stopped, Alarm Status, Marked Event, Start-up Delay, Data Uploading to Cloud, Data Upload to Cloud Complete, Final Cloud Upload requires APP, Bluetooth On
Secondary Download	TempTale® Mobile App (iOS 15+—iPhone 7 or higher, Android 12+—Samsung Galaxy S8+ or Note 8+, Bluetooth Low Energy)
Software Interfaces	SensiWatch® Platform; email notifications; ColdStream® Select 2.2+; TempTale® Mobile App 3.1+; TempTale® Manager Desktop 9.1+
Cold Chain PDF Report	Secure PDF generated by cloud software
Minimum System Requirements	Windows 8.1+; Mac OSX 10.12+; Browsers: Google Chrome 83+, Microsoft Edge 83+, Safari 14+; Adobe® Reader 9.0 or higher

Sensitech has performed all necessary testing and can provide documentation supporting our compliance at your request.

Sensitech Inc. is a global leader in delivering supply chain visibility solutions. Our innovative monitoring products and services help to maintain the quality and integrity of our customers' valuable products at every step in their journey, all around the world. For 30 years, leading companies in the food, pharmaceutical, industrial, consumer goods and other industries have relied on Sensitech to help protect their products—and EO: sales@eofirm.com | www.eofirm.com | 0755-84200058

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