

# TempTale® GEO X

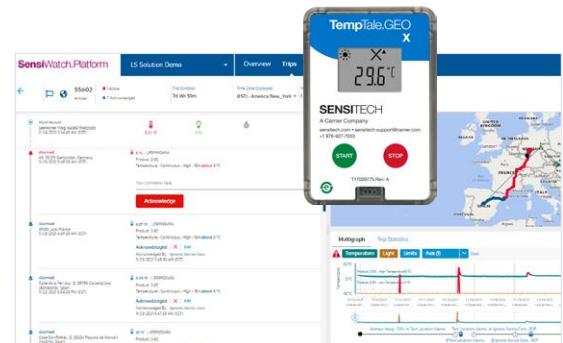
## Empower Logistics with Intelligent Shipment Visibility

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

The TempTale GEO X 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

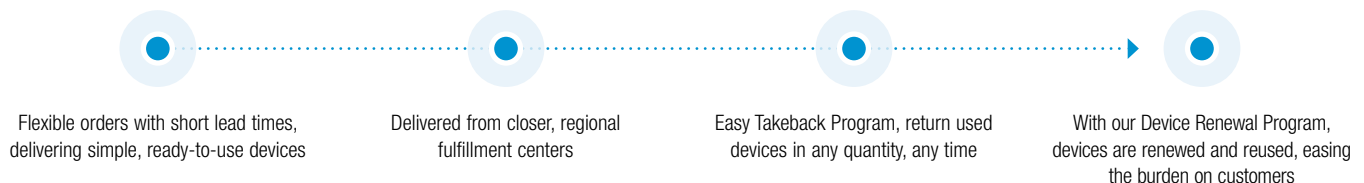
- Small IoT device
- Arrives fully charged and ready to use
- Immediate, real-time temperature, light, humidity, and location notifications
- Communicates as frequently as every 15 minutes and immediately upon alarm
- Global cellular communication coverage with added Wi-Fi locates for precise proof of delivery
- Non-lithium battery (no IATA dangerous goods declaration)
- No worries about device battery life
- Hardware 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 CO<sub>2</sub> emissions and supply chain waste



| TempTale® GEO X Specifications            |  |
|---|--|
| <b>Recording Option</b>                   | Single Use (for Shippers), Sensitech Manages Device Renewal Program  |
| <b>Certified Modes of Transport</b>       | Air, Ocean, Road, Rail (Airline approvals upon request)  |
| <b>Sensor Types</b>                       | Temperature, Humidity, Light   |
| <b>Temperature Measurement Range</b>      | -10°C to +55°C (For colder temperatures see TempTale GEO XE ambient to -30°C or probed, TempTale GEO XP and XEP to -95°C)  |
| <b>Temperature Accuracy Range</b>         | ±0.5°C from -10°C to +45°C<br>±1.0°C from +45°C to +55°C   |
| <b>Humidity Measurement Range</b>         | 10% to 90% RH, non-condensing  |
| <b>Humidity Accuracy Range</b>            | Typical ±3.0% / Max ±5.0% RH from 10% to 90% RH  |
| <b>Alarms</b>                             | <ul style="list-style-type: none"> <li>• 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</li> <li>• Single-Event (Continuous) or Cumulative</li> </ul> |
| <b>Temperature Accuracy Certification</b> | 3-point NIST® Traceable per monitor before each use, Certificate of Calibration provided   |
| <b>Temperature Sensor Sample Interval</b> | Programmable from 5 minutes to 2 hours   |
| <b>Start Up Delay</b>                     | 0 minutes to 24 hours  |
| <b>Light Sensor Range</b>                 | 0-100%   |
| <b>Communication</b>                      | LTE CAT-M1 (for 4G/5G networks) with 2G fallback   |
| <b>Memory</b>                             | 16,000 data points per sensor  |
| <b>Battery Type</b>                       | Non-lithium, Alkaline (non-replaceable)  |
| <b>Shelf Life &amp; Sustainability</b>    | <ul style="list-style-type: none"> <li>• 6-month shelf life (press start by use by date, shipper operations simple)</li> <li>• Sensitech manages renewal of returned devices for reuse. No lost device fees.</li> </ul>  |
| <b>Operating Life</b>                     | Up to 60 days, with communication reporting interval from 15 minutes to 180 minutes; Configurable based on total days for shipment (For longer shipments see TempTale® GEO XE for up to 120 days)  |
| <b>Location</b>                           | Cellular and Wi-Fi   |
| <b>Dimensions and Weight</b>              | 91 mm x 61 mm x 31 mm; 153 grams   |
| <b>Environmental Rating</b>               | IP64   |
| <b>Regulatory</b>                         | FCC, CE, IC, RTCA – D0160G, 3-Point NIST Traceable Calibration (each device individually calibrated)   |
| <b>Display Indicators</b>                 | 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   |
| <b>Secondary Download</b>                 | TempTale® Mobile App (iOS 15+—iPhone 7 or higher, Android 12+—Samsung Galaxy S8+ or Note 8+, Bluetooth Low Energy)   |
| <b>Software Interfaces</b>                | SensiWatch® Platform; email notifications; ColdStream® Select 2.2+; TempTale® App 3.1+; TempTale® Manager Desktop 9.1+   |
| <b>Cold Chain PDF Report</b>              | Secure PDF generated by cloud software   |
| <b>Minimum System Requirements</b>        | 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 their bottom lines. All trademarks and service marks are property of their respective owners. Visit [www.sensitech.com](http://www.sensitech.com) for additional information. ©2024 Carrier. All Rights Reserved.

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