

# TempTale<sup>®</sup>4

## Temperature Monitoring Program for Perishables

TempTale4 2K Ambient Monitors • TripStrip Remote Printer • Interface Plus Reader • TempTale Manager Desktop

Moving a single product efficiently through its supply chain is a complicated undertaking involving multiple handoffs and precise coordination among trading partners. When those products are perishable, the process becomes even more complex. Improving cold chain management practices reduces shrink, enhances freshness and ensures product quality.

The TempTale4 Monitoring Program lets you track and collect data about your temperature-sensitive shipments and maintain records of those shipments for HACCP recordkeeping and to meet regulatory requirements. The TempTale4 monitors enable you to make immediate accept or reject decisions and provide a common data set to be shared across trading partners to facilitate better cold chain management practices. Regardless of the commodity—fresh produce or seafood, frozen ice cream or bakery products—improving the effectiveness of your cold chain management practices will ensure the integrity, freshness and quality of all your perishable goods.

### Sensitech's Promise

Sensitech is committed to product excellence and customer satisfaction. Our facilities are ISO 9001:2000 certified, our products are tested to NIST traceable standards and our global field support organization is poised to serve as a foundation for analyzing the quality of your cold chain management processes.



### TempTale4 Monitor

Sensitech's temperature monitors are recognized as the most accurate and reliable in the industry. Our electronic temperature monitors provide you with complete time and temperature data for tracking all of your perishable products. These monitors provide

### TempTale4 Specifications

<b>Temperature Measurement Range</b>	-22°F to +158°F (-30°C to +70°C)
<b>Battery Life</b>	1 year run life, 3.0v Lithium Battery
<b>Temperature Accuracy</b>	±2°F from -22°F to 0°F (±1.1°C from -30°C to -18°C) ±1°F from 0°F to +122°F (±0.55°C from -18°C to +50°C) ±2°F from +122°F to +158°F (±1.1°C from +50°C to +70°C)
<b>Memory Capacity</b>	1,920 data points (2K)
<b>Programmable Temperature Alarms</b>	Programmable Single and Cumulative time-out-of-range events
<b>Display Current Temperature Readings</b>	LCD factory-programmable option
<b>Start-Up Delay</b>	Minimum: 0 seconds Maximum: 194 days
<b>Water Resistant Housing</b>	NEMA 6 rating
<b>Start &amp; Stop Buttons</b>	Color-coated, finger buttons for easy manual starting and stopping of monitor
<b>Dimensions</b>	3.5" L x 2.0" W x 0.65" H
<b>Programmable Measurement Interval</b>	Minimum – 10 seconds Maximum – 120 minutes
<b>Primary Sensor Resolution</b>	0.1° (1/10°) over full operational temperature range

precision and dependability. They are customizable by commodity with patented time and temperature alarm settings and are downloadable for detailed time/temperature viewing, analysis and record retention.

TempTale4—our flagship monitor—has customizable alarm settings to meet the widest variety of in-transit



applications. The functional design of the alarm integrates time and temperature in single event or cumulative “time out of range” settings. There are multiple options available for quickly and easily downloading detailed time/temperature history. These include visual display summaries through the monitor’s LCD panel, printed transaction data or downloaded into a PC.

## TempTale Manager Desktop

TempTale Manager Desktop is an easy-to-use, PC-based Windows application for storing, displaying, analyzing, and printing time and temperature data.

### Features and Benefits

- Quickly download data by placing the TempTale monitor onto the Interface Plus Reader
- Display and print data in graph, tabular and summary formats
- Easily save downloaded TempTale data to file, and later retrieve saved data file for review and e-mail forwarding of data
- Automatically align data from different monitors on the same graph and synchronize them by date and time
- Focus on data points of interest with powerful zoom and drag tools
- Excel toolbar button allows simple one-click data export to Microsoft Excel®

### Minimum System Requirements

- Interface Plus Reader
- IBM or compatible PC
- Pentium III 650 MHZ or higher processor
- Windows NT/2000/XP
- 8 MB extended RAM
- Color VGA monitor (1024 x 768 minimum resolution)
- 50MB available disk space
- A mouse or other pointing device

## Interface Plus Reader

Sensitech’s Interface Plus Reader allows a TempTale monitor to communicate with a PC using a standard RS232 serial connection to any free COM port on your computer.



## TripStrip Remote Printer

Sensitech’s TripStrip™ Remote Printer provides immediate access to TempTale time/temperature graph information, facilitating on the spot accept or reject decisions without requiring a computer.

### Features and Benefits

- Simple one-button operation
- Prints time/temperature graph and trip summary information
- Lets you print multiple copies of the same trip information
- Available in portable (rechargeable battery) or stationary (AC) models
- Thermal printing eliminates the need for ink cartridges



## TripStrip Remote Printer Specifications

<b>Power</b>	Portable (battery powered) Charger input 12V–13.8V DC Charger output 4.8VDC, 1200mA, 8.64VA AC adapter (mates with charger) input 110VAC, 60Hz, 20W AC adapter output 12VDC, 800mA, 9.6VA Stationary (wall outlet powered) – 100-240 VAC, 50/60 Hz
<b>Interface</b>	Infrared cradle for TempTale4 monitors
<b>Printer</b>	Thermal printer
<b>Dimensions</b>	7.5" x 4" x 2.5" (19.1 cm x 10.2 cm x 6.3 cm)
<b>Weight</b>	2 lbs. 12 oz. (portable); 1 lbs. 15 oz. (stationary)
<b>Paper</b>	Thermal paper

Sensitech is the world’s leading provider of cold chain visibility solutions enabling global leaders in Food and Pharmaceuticals to track and monitor assets across the supply chain, protecting the integrity of their temperature-sensitive products. Sensitech is an ISO 9001:2000 registered company. The company is based in Beverly, Massachusetts, and has offices in Amsterdam, Calgary, Melbourne, Redmond and Santiago with service and distribution offices around the world. For additional information about Sensitech, call 978-927-7033 or visit [www.sensitech.com](http://www.sensitech.com). ©2006. Sensitech Inc. All Rights Reserved. All trademarks and service marks are the property of Sensitech Inc.