

# ThermoAlert™

SENSITECH®

## Dual alarm electronic temperature indicator

### Validated time-temperature alarm indicator for in-transit monitoring

Sensitech's ThermoAlert™ dual alarm electronic temperature indicator monitors the last-mile distribution segment for pharmaceuticals and biologics, providing product “accept/reject” information relative to transit and storage temperature conditions. The ThermoAlert indicator is a single-use, factory programmed, disposable device, deployed at the manufacturer or distributor and evaluated at the receiving site.

- Two factory-set single-event or cumulative time/temperature alarms; high (>) and low (<)
- Custom time and temperature alarm settings tailored to specific product needs
  - Temperature threshold value from -20°C to +50°C (-4°F to +122°F)
  - Time threshold value from 0 minutes to 30 days
- Monitors temperature sensitive shipments up to 30 days
- Clear digital display presents unequivocal results of alarm conditions
- NIST® traceable calibration verifies device accuracy
- Field activated via integrated start button; no pre-conditioning or controlled shipping/storage conditions required



Specifications	
<b>Operating Range</b>	-20°C to 50°C (-4°F to 122°F)
<b>Operating Life</b>	30 days
<b>Shelf Life</b>	12 months prior to activation
<b>Accuracy</b>	±0.5°C accuracy from -10°C to 25°C ±1.0°F from 14°F to 77°F  ±1.0°C from -20°C to -10°C ±2.0°F from -4°F to 14°F  ±1.0°C from 25°C to 50°C ±2.0°F from 77°F to 122°F
<b>Alarm Settings</b>	One high alarm (>), One low alarm (<) Single event or cumulative -20°C to 50°C, 0.1°C resolution Up to 30 days, 1 minute resolution
<b>Battery Type</b>	3.0 V lithium battery
<b>Size/Weight</b>	47.6mm x 38.1mm x 11.1mm, 14.2g 1-7/8" x 1-1/2" x 7/16", 0.5 oz
<b>Startup Delay</b>	0 to 255 minutes, 1 minute resolution
<b>Measurement Interval</b>	1-minute
<b>Display</b>	6-icon LCD (✓, X, HI, LO, ♥, ⋮)
<b>Enclosure Protection</b>	IP 54 (per IEC 529)
<b>Activation</b>	Momentary switch



## ThermoAlert Operation

The ThermoAlert indicator is supplied with two factory set time/temperature alarms configured to your specifications.

An alarm is activated if the temperature exceeds the specified temperature threshold for the time period established for each alarm.



No activated alarms



High alarm activated



Low alarm activated



High and low alarm activated

Sensitech Inc. is a leading provider of supply and cold chain visibility solutions that enable our customers – global leaders in the food, life sciences, and industrial markets – to track, monitor and protect the quality and integrity of their temperature-sensitive products across complex supply chains. Through its logistics security division, FreightWatch International, Sensitech also offers origin-to-destination services that provide customers with real-time cargo transparency, helping them to mitigate such risks as theft, diversion, counterfeiting, and chain of custody. Sensitech Inc. is an ISO 9001:2008 company based in Beverly, Mass., with more than 30 sales, service and distribution locations around the world. Sensitech is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. Visit [www.sensitech.com](http://www.sensitech.com) for additional information. © 2013. Sensitech Inc. All Rights Reserved. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. Windows, Windows XP, and Windows Vista are registered trademarks of Microsoft Corporation in the United States and other countries. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government.