

# TagAlert®.NFC

## Confidence throughout the supply chain that temperature-sensitive materials have been maintained for optimal quality

The TagAlert® NFC device is a smart, near-field communication (NFC) electronic indicator that provides the durability of a five-year battery life and the flexibility of up to six programmable alarms, with a mobile app to help receivers clearly understand whether to accept or reject a shipment. Additionally, receivers can easily scan the in-transit and stored product, and communicate status via email or text. Quality teams can receive summary alarm statistics sent via the mobile app, enabling them to answer questions based on definitive temperature data and trip statistics. The TagAlert NFC indicator is a versatile device designed to monitor environmental conditions for high value industrial materials.

### Key Features

- Validated hardware and software
- Take advantage of NFC wireless technology and access alarm status continuously throughout the supply chain using an NFC-enabled smartphone and TagAlert NFC mobile app
- Remove ambiguity for the end receiver; if a shipment is alarmed, an easy-to-read large LCD display is on the indicator, or use the TagAlert NFC mobile app to access critical events and statistics continuously throughout the entire supply chain
- Export and share summary data in PDF or CSV formats via text or email from the mobile app for quick interrogation and response
- Factory configurable temperature alarms provide maximum flexibility and a real-time clock provides time/date stamps of critical events
  - Understand time remaining on each alarm (stability budget)
  - Real-time clock shows time/date stamps of alarm-triggered events, temperature read times and start/stop times
  - Up to six temperature alarms
- Enhanced accuracy of  $\pm 0.5^{\circ}\text{C}$  across the entire measurement range of  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Single use only
- Scan QR code on label from an NFC-enabled smartphone to access and download the iOS or Android version of the mobile app, available in multiple languages
- Factory programmable shipper notes provide clear work instructions to receivers
- Longer operating life up to 5 years (for medical device storage applications)
- Accuracy tested to NIST® traceable standards for quality assurance
- Onboard Certificate of Calibration available via mobile app



| Specifications                          |   |
|---|---|
| <b>Temperature Measurement Range</b>    | -30°C to +70°C  |
| <b>Temperature Measurement Accuracy</b> | ±0.5°C across the entire range  |
| <b>Battery Life / Type</b>              | 2 months minimum, 18 months validated / CR2450 3.0v lithium coin cell battery – non-replaceable   |
| <b>Shelf Life</b>                       | 12 months prior to activation   |
| <b>Data Sampling Interval</b>           | Programmable from 1 minute up to a maximum of 30 minutes.   |
| <b>LCD Functionality</b>                | LCD Indicates device activated, no alarm triggered; and indicates device activated and alarm(s) triggered, with displayed numbers 1, 2, 3, 4, and/or 6 when the corresponding alarm is triggered, including MKT indication.<br>Displays alarm excursion conditions for trips or storage up to 5 years |
| <b>Start-Up Delay</b>                   | 0 seconds up to 24 hours  |
| <b>Programmable Alarms</b>              | <ul style="list-style-type: none"> <li>• Single Temperature Limits</li> <li>• Single Temperature Range</li> <li>• Dual Temperature Range</li> <li>• Duration</li> </ul>   |
| <b>LCD Indicators</b>                   | Alarm status OK ✓ or Alarmed ✗  |
| <b>Mobile App Indicators</b>            | Not Started, Start-up Delay, Started, Running, Stopped: Alarm status OK ✓ or Alarmed ✗; Trip summary data (average, minimum, maximum) Current temperature reading; Time remaining against each alarm threshold  |
| <b>Start Up and Stop Options</b>        | Manual push button  |
| <b>Water Resistant Housing</b>          | IP64  |
| <b>Dimensions</b>                       | 63 mm L x 51 mm W x 12 mm H   |
| <b>Weight</b>                           | 40 g  |
| <b>Smartphone Compatibility</b>         | iOS 11 – iPhone 7 or higher, Android 7.1 or higher  |
| <b>Quality Assurance Certifications</b> | CE, ISO/IEC 15693; NIST <sup>®</sup> traceable Certificate of Calibration   |

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

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