

TagAlert[®].NFC

Confidence at the package level that temperature-sensitive products 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 suitable for clinical trial kits, medical device shipments and storage, vaccines and last mile shipments to pharmacies, hospitals, doctors' offices or patient homes.

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, including mean kinetic temperature (MKT)
- Enhanced accuracy of $\pm 0.5^{\circ}\text{C}$ across the entire measurement range of -30°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	
Temperature Measurement Range	-30°C to +70°C
Temperature Measurement Accuracy	±0.5°C across the entire range
Battery Life / Type	2 months minimum, up to 5 years operating life / CR2450 3.0v lithium coin cell battery – non-replaceable
Shelf Life	12 months prior to activation
Data Sampling Interval	Programmable from 1 minute up to a maximum of 30 minutes.
LCD Functionality	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. Displays alarm excursion conditions for trips or storage up to 5 years
Start-Up Delay	0 seconds up to 24 hours
Programmable Alarms	<ul style="list-style-type: none"> • Single Temperature Limits • Single Temperature Range • Dual Temperature Range • MKT • Duration
LCD Indicators	Alarm status OK ✓ or Alarmed ✗; up to six alarms including MKT indication
Mobile App Indicators	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
Start Up and Stop Options	Manual push button
Water Resistant Housing	IP64
Dimensions	63 mm L x 51 mm W x 12 mm H
Weight	40 g
Smartphone Compatibility	iOS 11 – iPhone 7 or higher, Android 7.1 or higher
Quality Assurance Certifications	CE, ISO/IEC 15693; NIST [®] traceable Certificate of Calibration

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

Sensitech Inc. is focused on delivering supply chain visibility solutions that track, monitor and protect products for global leaders in the food, life sciences, consumer goods, and industrial markets. Our solutions are focused in three key areas: quality and compliance, supply chain security, and logistics performance management. Quality and compliance solutions address temperature-sensitive, complex supply chains focused on delivering the highest quality possible, while our supply chain security solutions help to mitigate risks associated with theft, diversion and chain of custody. Sensitech's logistics performance solutions deliver origin-to-destination, real-time transparency to any in-transit journey. Sensitech Inc. is an ISO 9001:2015 company, headquartered in Beverly, Mass., with over 35 sales, service and distribution locations around the world. Sensitech is a Carrier company, a leading provider of heating, air conditioning and refrigeration systems, building controls and automation, and fire and security systems leading to safer, smarter, sustainable and high-performance buildings. Apple, iPad and iPhone are registered trademarks of Apple Inc. Android is a trademark of Google Inc. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. Visit www.sensitech.com for additional information. ©2020 Carrier. All Rights Reserved.

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