



# VaxAlert™ USB

## Immediate access to data for vaccine shipments

### World Health Organization (WHO) approved downloadable temperature indicator

Sensitech Inc. has added a USB interface to its most advanced electronic temperature indicator, giving users the ability to instantly retrieve an Adobe® PDF report upon the conclusion of a monitored trip. The VaxAlert™ USB now allows users to access a full PDF report containing a detailed temperature history of the trip for record keeping purposes, yet continues to support immediate accept/reject decisions via the LCD display. The VaxAlert USB integrates multi-alarm, last-mile cold chain monitoring with detailed time-temperature alarm excursion history information. This advanced indicator enables logistics, quality assurance personnel, and receivers to determine if and when cold chain breaks occur in the supply chain. The user-friendly liquid crystal display (LCD) combines complete alarm status information with an alarm time-stamp record and the maximum or minimum temperature readings.

The VaxAlert USB is designed to meet the stringent World Health Organization (WHO) Performance Quality and Safety (PQS) requirements for international vaccine shipment monitoring and is WHO pre-qualified per performance specification WHO/PQS/E006/TR07.3 (Electronic Shipping Indicator). The indicators are factory configured with WHO Type 1 and Type 2 established alarm profiles in support of UNICEF, PAHO (Pan American Health Organization) and PATH (Program for Appropriate Technology in Health) vaccine procurement and transport requirements.

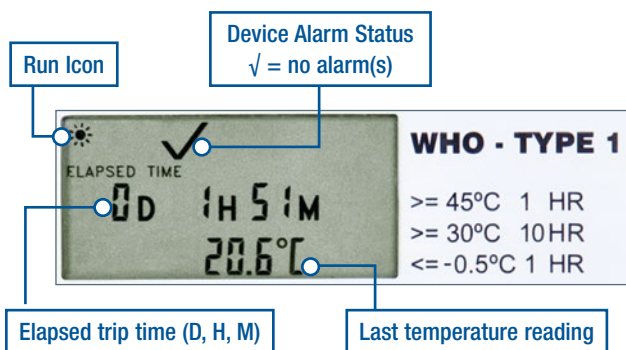
- Easy-to-use, plug-and-play USB Interface
- Automatic PDF report generation
- Economical, monitoring up to three time-temperature alarms
- 20-day recording period meets WHO specifications
- Customizable to specific monitoring requirements
- Same interface as the original VaxAlert™



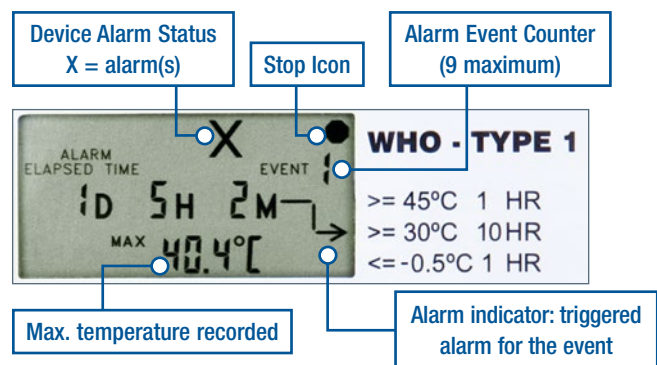
Specifications	
<b>Operating Range</b>	-30°C to +55°C (-22°F to +131°F)
<b>Operating Life</b>	12 months
<b>Shelf Life</b>	24 months prior to activation
<b>Accuracy</b>	±1.0°C from -30°C to -5°C (±1.8°F from -22°F to +23°F) ±0.5°C from -5°C to +25°C (±0.9°F from 23°F to +77°F) ±1.0°C from +25°C to +55°C (±1.8°F from +77°F to +131°F)
<b>Alarms</b>	Programmable up to maximum three alarm limits (Hi/Low, Single-event or Cumulative)
<b>Weight</b>	70.9 grams (2.5 ounces)
<b>Dimensions</b>	101 L x 56 W x 19.6mm H (3.9 L x 2.2 W x .8in H)
<b>Startup Delay</b>	1 hour factory-programmed; Optional configurations from 0 seconds to 24 hours
<b>Measurement Interval</b>	2 minutes factory-programmed; Optional configurations from 1 minute to 2 hours
<b>LCD</b>	OK and Alarm status; Total Elapsed Time (D, H, M); Operation mode (Startup Delay, Start, Stop, Ready to Use); Alarm indicator(s) and excursion history for each triggered alarm; Last temperature reading; Low battery icon
<b>Maximum Recording Period</b>	20 days
<b>Data Storage Capacity</b>	16,000 recorded data points
<b>Data Output</b>	Automatic generation of secure PDF (no software required)
<b>IP Rating</b>	IP 64 (with protective cap)
<b>PDF Date/Time Programming</b>	GMT standard programming, other time zones on request
<b>Battery Type</b>	3.6V lithium battery
<b>Activation and Stopping</b>	Start/Stop button
<b>Testing</b>	Tested to 3-point NIST® standards
<b>Quality Assurance Certifications</b>	CE; RoHS; WEEE; Validation Manual

## Features and Benefits

- Integrated USB connector; no hardware or interface cable required.
- Automatic generation of Adobe® PDF trip report allows prompt on-site decision making.
- Cost-effective electronic temperature monitoring for last-mile applications.
- Easy-to-use “plug-and-play” operation—no proprietary software necessary.
- WHO pre-qualified per WHO/PQS/TR07.3, Electronic Shipping Indicator.
- Three factory configurable time-temperature alarms and start delay.
- Two types of alarms:
  - Single event alarms are triggered if temperature exceeds threshold for a contiguous time period.
  - Cumulative time event alarms are triggered if temperature exceeds threshold for a total sum of time.
- User-friendly three button interface and intuitive display enables immediate accept/reject decision making and detailed excursion history information.
- Measurement accuracy traceable to NIST® standards for quality assurance.
- Alarm “time stamp” records elapsed time at point of alarm events, allowing supply chain partners to analyze variability and institute corrective actions.



VaxAlert USB in measurement mode without alarms



VaxAlert USB in history mode, high alarm event

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. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government. Adobe is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. Visit [www.sensitech.com](http://www.sensitech.com) for additional information. ©2020 Carrier. All Rights Reserved.

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