

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.

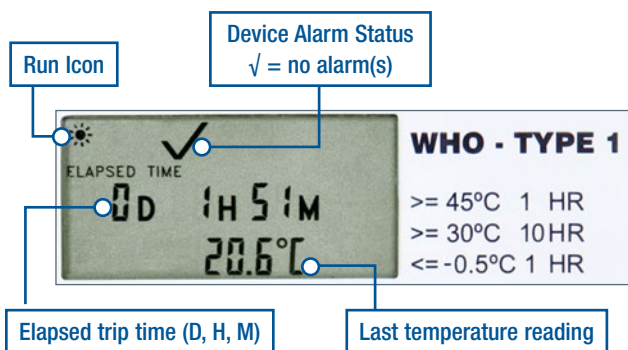
- Easy-to-use, plug-and-play USB Interface
- Automatic PDF report generation
- Economical, monitoring up to three time-temperature alarms
- 20-day recording period meets WHO specifications
- Customizable to specific monitoring requirements
- Same interface as the original VaxAlert™



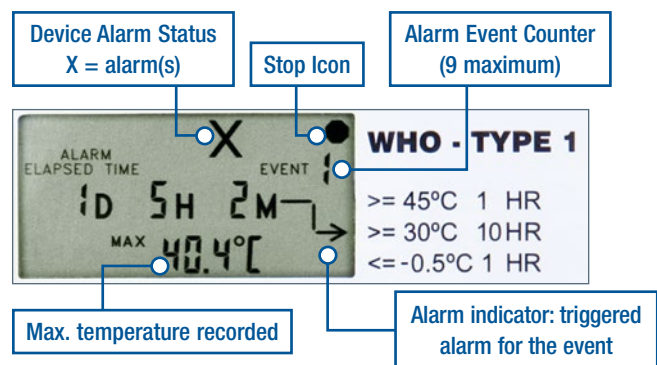
Specifications	
Operating Range	-30°C to +55°C (-22°F to +131°F)
Operating Life	12 months
Shelf Life	24 months prior to activation
Accuracy	±1.0°C from -30°C to -5°C (±1.8°F from -22°F to +23°F) ±0.5°C from -5°C to +25°C (±0.9°F from 23°F to +77°F) ±1.0°C from +25°C to +55°C (±1.8°F from +77°F to +131°F)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