LogTag Recorders

TRIX-8 Multi-Use Temperature Recorder

The LogTag® TRIX-8 is a versatile, wide range, multi-trip Temperature Recorder, featuring high resolution temperature readings over a measurement range of -40°C to +85°C (-40°F to +185°F).

Enclosed in a robust and durable polycarbonate case - the TRIX-8 is equipped with a unique external temperature sensor arrangement providing fast reaction time to temperature change and a real time clock which provides date/time stamps for each temperature reading.

Using the LogTag Interface and LogTag's freely available companion software LogTag Analyzer, the LogTag is easily set-up for recording conditions including delayed start, sampling interval, number of readings, continuous or fixed number of readings and configuration of conditions to activate the ALERT indicator.
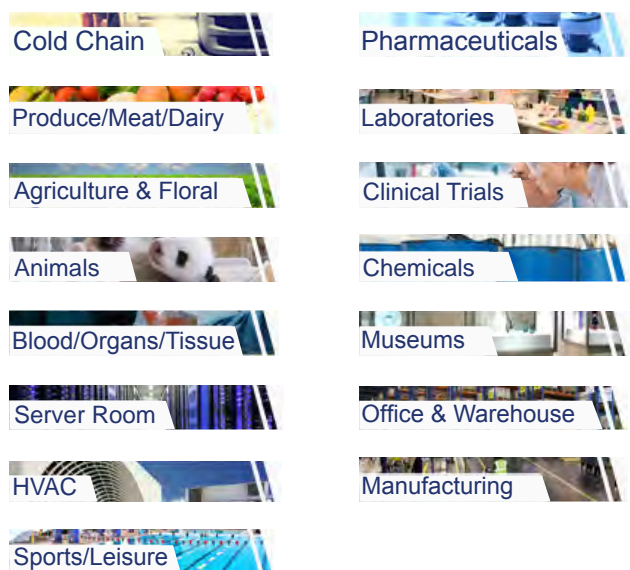
Readings are downloaded using LogTag Analyzer which provides facilities for charting, zooming, listing data statistics and allows exporting the data to other applications such as Excel.

The LogTag® TRIX-8 complies with the relevant international standards for temperature monitoring devices:- FCC, CE, C-TICK, TÜV, EN12830, WHO PQS and RoHS. This demonstrates the quality and suitability of the LogTag® TRIX-8 for temperature monitoring applications where accuracy and consistency is required.
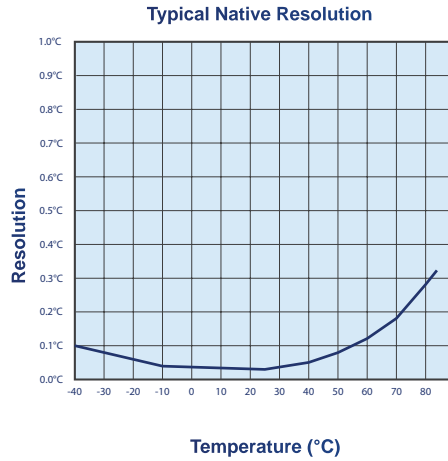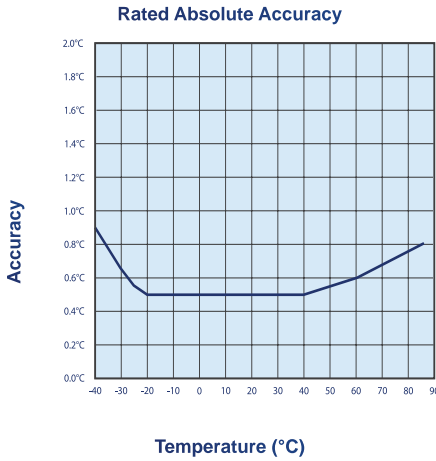
Product Highlights

- A real time clock provides date/time stamps for each temperature reading.

- Push-to-start button with optional delay or a specific time & date.

- Comprehensive customisation options including alert settings, sample interval and trip duration.

- Robust and durable polycarbonate case with lug for secure mounting.

- Up to 8,000 recordings - enough for the longest trip.

- In-transit inspections can be recorded at the push of a button.

- Complies with industry standards including EN12830. WHO PQS Pre-qualified under E06/06: PQS CODE E006/00.

- Industry best download time - less than 5 seconds for fully memory.

Recommended Applications

Cold Chain

Produce/Meat/Dairy

Agriculture & Floral

Animals

Blood/Organs/Tissue

Server Room

HVAC

Sports/Leisure

Pharmaceuticals

Laboratories

Clinical Trials

Chemicals

Museums

Office & Warehouse

Manufacturing

Accuracy/Resolution Charts

Rated Absolute Accuracy

Accuracy (°C) vs Temperature (°C)

Typical Native Resolution

Resolution (°C) vs Temperature (°C)

Specifications

Product Model	TRIX-8
Measurement Range	-40°C ~ +85°C (-40°F ~ +185°F)
Rated Absolute Accuracy	Better than ±0.5°C for -20°C~ +40°C. Better than ±0.7°C for -20°C~ -30°C & +40°C~+60°C Better than ±0.8°C for -30°C~ -40°C & +60°C~+80°C
Capacity	8000 temperature readings (16K bytes memory)
Sampling Interval	Configurable from 30 seconds to 18 hours
Environmental	IP65
Power Source	3V Lithium (replaceable by qualified technician)
Battery Life	2~3 years typical use – longer (up to 5-10 years) if recorder is hibernated between uses.
Size	86mm(H) x 54.5mm(W) x 8.6mm(T)
Weight	35g
Case Material	Polycarbonate

Compliance & Certifications

designed for 21CFRPart11	Designed to support Digital Signatures in accordance to FDA CFR21 Part 11.
FC CE	Tested and complies with FCC Part 15 Subparts A and B. Tested and complies with EC EMC directives (EN 50081-1:1992 & EN 61000-6-1:2001)
RoHS COMPLIANT 2002/95/EC	Conforms to RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) EU Directive.
TÜV SÜD	TÜV tested and compliant to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others.
WHO	Approved by the World Health Organisation's (WHO) under Performance, Quality and Safety (PQS) standard and listed on the WHO website under PQS Code E006/006

Accessories

Protective Enclosure

Wall Mount Bracket

Our FREE LogTag Analyzer software provides an easy to use, powerful platform for configuring any LogTag recorder product before deployment and for data download & analysis when the recorder is retrieved.

LogTag's unique interface cradle design provides rapid & reliable LogTag data transfer.

Note: Users do not need to purchase more than one Interface Cradle per LogTag product.

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