

LogTag Recorders



TREX-8 Multi-Use Temperature Recorder

Using the LogTag® Interface and the 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® TREX-8 complies with the relevant international standards for temperature monitoring devices such as FCC, CE, C-TICK and RoHS. This not only demonstrates the quality of the LogTag® TRIX-16, but underlines its suitability for temperature monitoring applications where accuracy and consistency is required.

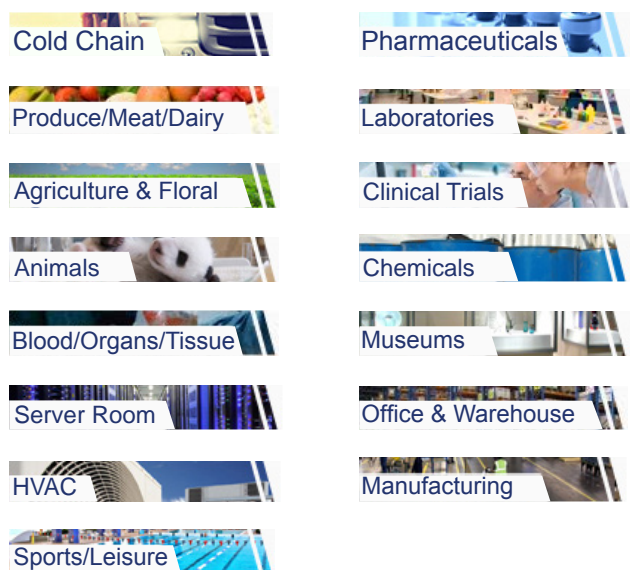
The LogTag® TREX-8 is a versatile, wide range, multi-trip Temperature Recorder with interchangeable external probes, featuring high resolution temperature readings over a measurement range of -40°C to +99°C (-40°F to +210°F).

All LogTag® external temperature probes of type ST100 are fully interchangeable, giving the user the freedom to match probes from a variety of configurations with the applications they are used in without requiring re-calibration of the system.

Product Highlights

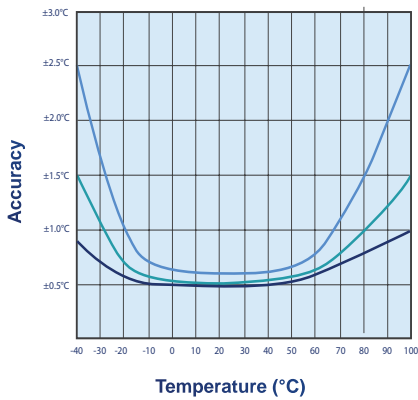
- A real time clock provides date/time stamps for each temperature reading.
- Push-to-start button with optional delay, or start at a specific time & date.
- Comprehensive customisation options including alert settings, sample interval and trip duration.
- Robust and durable polycarbonate case with lug for secure mounting.
- Up to 8,032 recordings - enough for the longest trip.
- In-transit inspections can be recorded at the push of a button.
- Interchangeable ST100 external probe with high quality, gold plated connector.
- Industry best download time - less than 5 seconds for full memory.

Recommended Applications

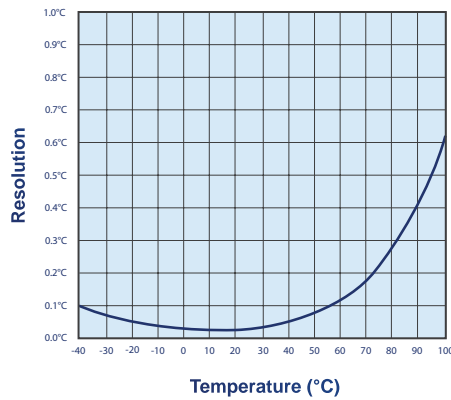


Accuracy/Resolution Charts

Rated Absolute Accuracy



Typical Native Resolution



Accepts all LogTag® ST100 type temperature probes.



Accessories



Glycol Buffer



Wall Mount Bracket

Specifications

Product Model	TREX-8
Measurement Range	-40°C ~ +99°C (-40°F ~ +210°F)
Rated Absolute Accuracy*	Better than $\pm 0.5^{\circ}\text{C}$ for -10°C to $+40^{\circ}\text{C}$ Better than $\pm 0.7^{\circ}\text{C}$ for -30°C to -10°C & $+40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ Better than $\pm 0.8^{\circ}\text{C}$ for -40°C to -30°C & $+60^{\circ}\text{C}$ to $+80^{\circ}\text{C}$ Better than $\pm 1.0^{\circ}\text{C}$ for $+80^{\circ}\text{C}$ to $+99^{\circ}\text{C}$
Capacity	8032 readings (16K bytes memory)
Sampling Interval	Adjustable, 30 seconds to several hours
Environmental	IP61
Power Source	3V Lithium (non-rechargeable, replaceable by qualified technician)
Battery Life	2~3 years of normal use (based on 15 minute logging, download data monthly)
Size	86mm (H) x 54.5mm (W) x 8.6mm (T)
Weight	35g
Case Material	Polycarbonate

* Recorder body environmental temperature between 0°C and 50°C, for other environmental temperatures see the accuracy chart

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 transfer for logged data. It accepts all non-USB recorder models, allowing a single interface to be used across the entire range.

