LogTag
TEMPERATURE RECORDER

product code: TRIX-8

The LogTag Temperature Recorder incorporates an external temperature sensor uniquely arranged in a recess in the case. This design protects the sensor from damage but still provides a fast reaction time more associated with remote temperature sensors.
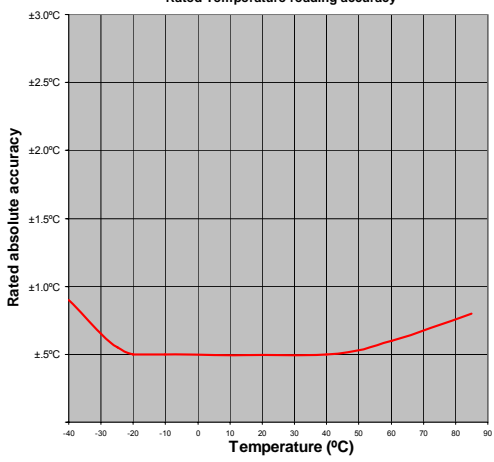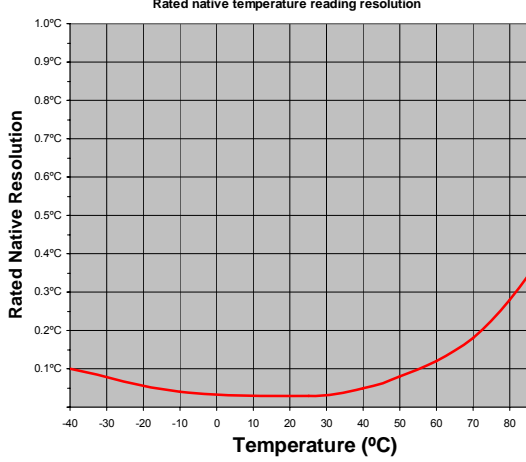
Using the LogTag Interface and LogTag's freely available companion software *LogTag Analyser* , the LogTag is easily set-up for recording conditions including delayed start, sampling interval, number of readings, continuous or fixed number of readings and configuration of conditions to activate the *ALERT* indicator.

Readings are downloaded using LogTag Analyser which provides facilities for charting, zooming, listing data statistics and allows exporting the data to other applications such as Excel.

Product Highlights

- *Alert indicator* – indicates if readings are outside of preset limits
- *OK indicator* indicates if still recording and if readings within configured limits
- *Inspection mark* in log by push button
- *Push Button Logging start*
- *Rapid Download!* Takes only seconds to download recordings
- *'Pre-Start' logging* - Logtag can be configured to record *even if it has not been started.*
- *High performance* at low cost
- *Credit card sized case* – thin enough to be easily mailed "letter rate".
- *Real time clock* records time & temperature simultaneously
- *Easy* to use *LogTag Analyser* software that runs on any PC configures LogTag for recording then downloads resulting data for analysis. Data can also be exported to formats compatible with other applications such as Excel
- *Highly reliable* and accurate
- Re-calibration to achieve higher accuracy possible

LogTag TRIX-8 Technical Specifications

Part Order Code	TRIX-8
Temperature Sensor Measurement range	-40 ~ +85°C (-40°F ~ +185°F)
Recorder operating temperature range	-40 ~ +85°C (-40°F ~ +185°F)

Rated Temperature reading accuracy [*]	Rated Temperature reading resolution [#]
±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	less than 0.1°C for -40°C ~ +40°C, less than 0.2°C for +40°C ~+80°C

[*] Actual performance is normally much better than the rated values.

Accuracy figures can be improved by recalibration.

[#] LogTag Analyser currently displays to one decimal place of °C or °F. The native resolution is what is stored in the LogTag.

Capacity	8000 temperature readings (16Kbytes memory)
Sampling frequency	adjustable, 30 sec to several hours
Download Time	Typically with full memory in less than 5 seconds depending on computer or readout device used.
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)x54.5mm(W)x8.6mm(T)
Weight	35grams
Case Material	Polycarbonate
EMC Compliance	Tested and complies with EC EMC directives (EN 50081-1:1992 & EN 61000-6-1:2001)
EN12380 Compliance	Tested and complies to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others.

NOTE: INFORMATION AND SPECIFICATIONS SUBJECT TO CHANGE