

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)
<p>Rated Temperature reading accuracy*</p> <p>±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</p> <p>LogTag TRIX Temperature Recorder Rated Temperature reading accuracy</p> <p>* Actual performance is normally much better than the rated values. Accuracy figures can be improved by recalibration.</p>	<p>Rated Temperature reading resolution#</p> <p>less than 0.1°C for -40°C ~ +40°C, less than 0.2°C for +40°C ~+80°C</p> <p>LogTag TRIX Temperature Recorder Rated native temperature reading resolution</p> <p># LogTag Analyser currently displays to one decimal place of °C or °F. The native resolution is what is stored in the LogTag.</p>
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.
Real time clock	Installed with real time clock. Rated accuracy ±25ppm @ 25°C (equiv to 2.5 seconds/day) Rated temperature coefficient is -0.034±0.006ppm/°C (i.e typically +/- 0.00294seconds/day/°C)
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
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