

# LogTag

## TEMPERATURE RECORDER



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><b>Rated Temperature reading accuracy*</b></p> <p>±0.5°C for -20°C~ +40°C<br/>           better than ±0.7°C for -20°C~ -30°C &amp; +40°C~+60°C<br/>           better than ±0.8°C for -30°C~ -40°C &amp; +60°C~+80°C</p> <p><b>LogTag TRIX Temperature Recorder</b><br/>           Rated Temperature reading accuracy</p> <p>* Actual performance is normally much better than the rated values.<br/>           Accuracy figures can be improved by recalibration.</p> | <p><b>Rated Temperature reading resolution#</b></p> <p>less than 0.1°C for -40°C ~ +40°C,<br/>           less than 0.2°C for +40°C ~ +80°C</p> <p><b>LogTag TRIX Temperature Recorder</b><br/>           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> |
| <b>Capacity</b>  | 8000 temperature readings (16Kbytes memory)   |
| <b>Sampling frequency</b>  | adjustable, 30 sec to several hours   |
| <b>Download Time</b>   | Typically with full memory in less than 5 seconds depending on computer or readout device used.   |
| <b>Environmental</b>   | IP65  |
| <b>Power source</b>  | 3V Lithium - replaceable by qualified technician  |
| <b>Battery life</b>  | 2~3 years typical use – longer (up to 5-10 years) if recorder is hibernated between uses.   |
| <b>Size</b>  | 86mm(H)x54.5mm(W)x8.6mm(T)  |
| <b>Weight</b>  | 35grams   |
| <b>Case Material</b>   | Polycarbonate   |
| <b>EMC Compliance</b>  | Tested and complies with EC EMC directives (EN 50081-1:1992 & EN 61000-6-1:2001)  |
| <b>EN12380 Compliance</b>  | Tested and complies to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others.  |

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