

# TRIX-8



## Product Description

The Trix-8 is a versatile, wide range, multi-trip temperature recorder that capable to read up to 8,000 recordings with temperature levels ranging from  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $+185^{\circ}\text{F}$ ). Enclosed in a robust and durable polycarbonate case, the TRIX-8 features a real-time clock, which provides date and time stamps for each temperature reading.

When the temperature-sensitive products have been exposed to unacceptable conditions, the Trix-8 can alert the user if any temperature breach has happened by a visual indicator on the front. The readings can be downloaded using the LogTag Analyzer, which provides facilities for charting, zooming, listing data statistics and allows for exporting the data to other applications such as Excel.

The LogTag TRIX-8 data logger complies with the relevant international standards for temperature monitoring devices such as FCC, CE, C-TICK, TÜV, EN12830, WHO PQS and RoHS.

## Industries Served

- Apparel And Accessory Packaging
- Electronics
- Food And Beverage
- Healthcare
- Personal Products
- Pharmaceuticals



## Key features

- WHO PQS Pre-qualified under E06/06: PQS CODE E006/00
- Versatile, wide range, multi-trip temperature logger
- 8000 readings memory capacity with up to 3 years of battery life
- 'OK' and 'ALERT' indicator with high and low customizable alarms
- Industry best download time - less than 5 seconds for full memory



## Product Specifications

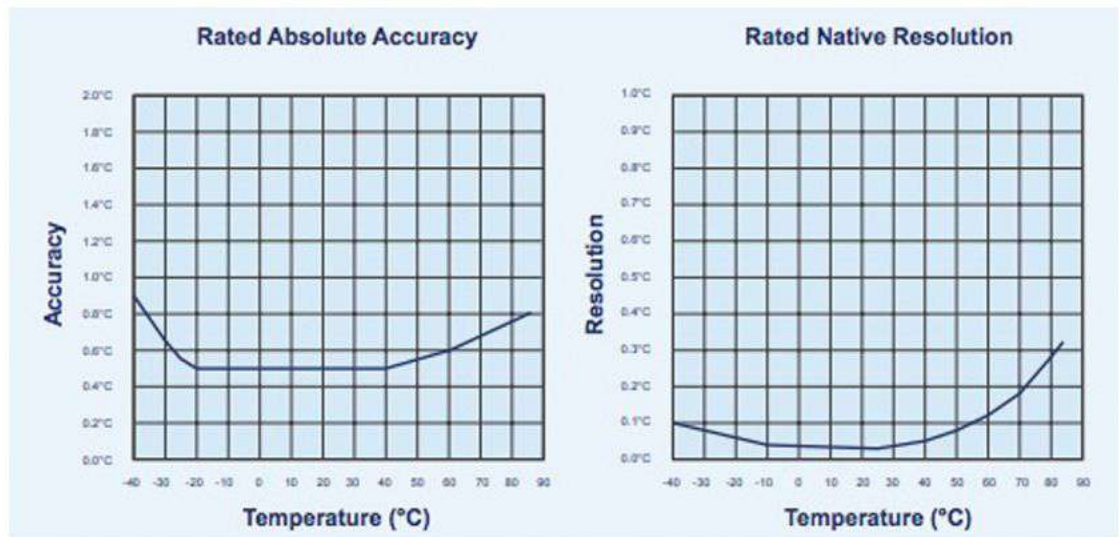
- Product Model TRIX-8
- Sensor Measurement Range -40°C to +85°C (-40°F to +185°F).
- Operating Temperature Range -40°C to +85°C (-40°F to +185°F).
- Storage Temperature Range -30°C to +55°C (-22°F to +131°F).
- Rated Temperature Reading Accuracy Better than  $\pm 0.5^{\circ}\text{C}$  for  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ . Better than  $\pm 0.7^{\circ}\text{C}$  for  $-30^{\circ}\text{C}$  to  $-20^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ . Better than  $\pm 0.8^{\circ}\text{C}$  for  $+60^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ . Better than  $\pm 0.9^{\circ}\text{C}$  for  $-40^{\circ}\text{C}$  to  $-30^{\circ}\text{C}$ . Actual performance is typically much better than the rated values. Please see the Rated Absolute Accuracy chart below. Accuracy figures can be improved by recalibration.
- Rated Temperature Reading Resolution Less than  $0.1^{\circ}\text{C}$  for  $-40^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ . Less than  $0.2^{\circ}\text{C}$  for  $+40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ . Less than  $0.4^{\circ}\text{C}$  for  $+80^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ . Please see the Rated Native Resolution chart below. LogTag Analyzer® currently displays to one decimal place of  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$ . The native resolution is what is stored in the LogTag®.
- Sensor Reaction Time Typically less than 5 minutes (T90) in moving air (1m/s).
- Recording Capacity 8031 temperature readings. 53 days @ 10min logging, 80 days @ 15min logging.
- Sampling Interval Configurable from 30 seconds to several hours.
- Logging Start Options Push button start or specific date & time. Optional start delay of up to 18 hours.

## Product Specifications

- Recording Indication Flashing 'OK' indicator / flashing 'ALERT' indicator.
- Alarms 1 configurable upper and 1 configurable lower alarms.
- Download Time Typically less than 5 seconds for full memory (8031 readings), depending on computer or readout device used.
- Environmental IP65 (roughly equivalent to NEMA 4).
- Power Source 3V Li-Mg Battery.
- Battery Life 2 – 3 years of normal use (based on 15 minute logging, download data monthly).
- Real Time Clock Built-in real time clock. Rated accuracy  $\pm 25\text{ppm}$  @  $25^\circ\text{C}$  (equivalent to 2.5 seconds/day). Rated temperature coefficient is  $-0.034 \pm 0.006\text{ppm}/^\circ\text{C}$  (i.e typically  $\pm 0.00294$  seconds/day/ $^\circ\text{C}$ ).
- Connection Interface Interface Cradle
- Software LogTag® Analyzer
- Size 86mm(H) x 54.5mm(W) x 8.6mm(T).
- Weight 33g.
- Case Material Polycarbonate

## Accessories

- Protective Enclosure
- Wall Mount Bracket
- Interface Cradle



## Related Products



ShockLog @248



ShockWatch @g-view



TempU Temperature Recorder



FlashLink® Mini In-Transit Logger

