HIGH MEMORY CAPACITY RECORDER



TRIX-16

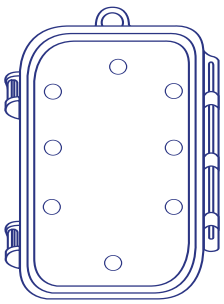
Multi-Use Temperature Logger with Internal Sensor



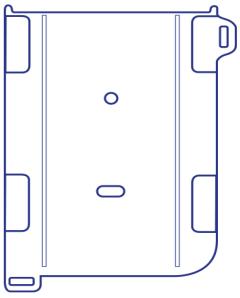
The LogTag® TRIX-16 is a versatile, wide range, multi-trip Temperature Recorder, featuring high resolution temperature readings over a measurement range of -40°C to +85°C (-40°F to +185°F) for up to 16,000 recordings - enough for the longest trip.

The LogTag® TRIX-16 features a real time clock, which provides date/ time stamps for each temperature reading and complies with the relevant international standards for temperature monitoring devices, such as FCC, CE, C-TICK, and RoHS.

Accessories



Protective Enclosure
Not Included



Wall Mount
Not Included



LTI-HID
Not Included



LTI-WiFi
Not Included

Features

Up to 16,000 recordings - enough for the longest trip.

A real time clock provides date/time stamps for each temperature reading.

In-transit inspections at the push of a button.

Industry best download time - less than 10 seconds for full memory.

Comprehensive customization options including alarm settings, sample interval and trip duration.

Fixed Battery of 1 year storage, followed by 2 – 3 years of normal use.

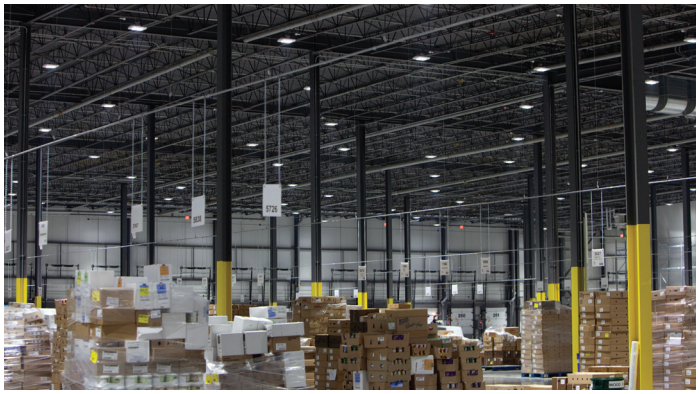
Applications



Medical



Freight Transportation



Warehouse



Food Safety



Laboratories



Farming

Specifications

Product Model	TRIX-16
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 ±0.5°C for -20°C to +40°C. Better than ±0.7°C for -30°C to -20°C and +40°C to +60°C. Better than ±0.8°C for +60°C to +85°C. Better than ±0.9°C for -40°C to -30°C. *Actual performance is typically much better than the rated values.* *Accuracy figures can be improved by recalibration.*
Rated Temperature Reading Resolution	Less than 0.1°C for -40°C to +40°C. Less than 0.2°C for +40°C to +80°C. Less than 0.4°C for +80°C to +85°C. *LogTag Analyzer® currently displays to one decimal place of °C or °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	16,159 temperature readings. 112 days @ 10min logging, 168 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.
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator.
Alarms	1 configurable upper and 1 configurable lower alarms.
Download Time	Typically less than 10 seconds for full memory (16,159 readings), depending on computer or readout device used.
Environmental	IP65 (roughly equivalent to NEMA 4).
Power Source	CR2450 3V $LiMnO_2$ Battery (Fixed).
Battery Life	1 year storage, followed by 2 – 3 years of normal use (based on 15 minute logging, download data monthly).
Real Time Clock	Built-in real time clock. Rated accuracy ±25ppm @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is -0.034 ±0.006ppm/°C (I.e typically +/- 0.00294 seconds/day/°C).
Connection Interface	Interface Cradle
Software	LogTag® Analyzer
Size	86mm(H) x 54.5mm(W) x 8.6mm(T).
Weight	33g.
Case Material	Polycarbonate.

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