DATASHEET

TRIX-8

LogTag

Distributed by AKRIBIS

MULTI-USE LOGGER FOR ANY INDUSTRY

LogTag®

TRIX-8

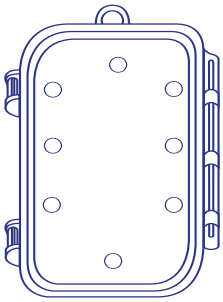
Multi-Use Temperature Logger

AKRIBIS · www.akribis.info · contacto@akribis.info

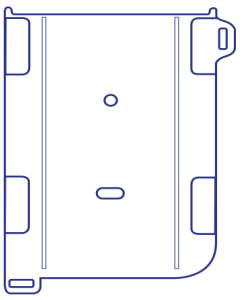
The LogTag® TRIX-8 is a versatile, wide range, multi-trip Temperature Recorder, featuring high resolution temperature readings over a measurement range of -40°C to +85°C (-40°F to +185°F).

The LogTag® TRIX-8 complies with the relevant international standards for temperature monitoring devices, such as FCC, CE, RCM, TÜV, EN12830, WHO PQS and RoHS. This demonstrates its quality and suitability for temperature monitoring applications where accuracy and consistency is required.

Accessories



Protective Enclosure
Not Included



Wall Mount
Not Included

LTI-HID
Not Included

Features

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

Up to 8,000 recordings - enough for the longest trip.

In-transit inspections at the push of a button.

Industry best download time - less than 5 seconds for full memory.

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

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

Applications

Pharmaceuticals

Farming

Warehouse

Transportation

Laboratories

Produce

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 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.
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.
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.
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	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).
Connection Interface	LTI-HID.
Software	LogTag Analyzer or LogTag Online
Size	86mm(H) x 54.5mm(W) x 8.6mm(T).
Weight	33g.
Case Material	Polycarbonate.

Revision H (141221) © Copyright 2021, LogTag North America Inc. All rights reserved.
LogTag® is a registered trademark of LogTag North America Inc.
LogTag North America Inc. reserves the right to change this specification without notice.