DATASHEET

SRIC-4

LogTag

Distributed by AKRIBIS

SINGLE-USE LOGGER ON THE GO

LogTag®

SRIC-4

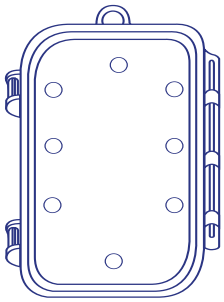
Single-Use Temperature Recorder

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

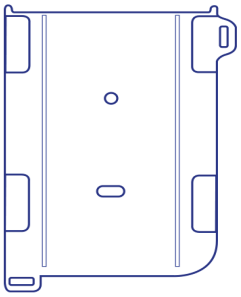
The LogTag® SRIC-4 is a single-trip temperature recorder developed specifically for monitoring temperature sensitive products in both short haul and long-distance transportation applications.

The SRIC-4 combines all the features of an advanced temperature recorder with a 4,000 log memory and a 90 day operating life.

Accessories



Protective Enclosure
Not Included



Wall Mount
Not Included

LTI-HID
Not Included

Features

Records temperature from -30°C to +60°C.

Up to 4,000 recordings - enough for 13 days at 5 minute logging or 82 days at 30 minute logging.

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

In-transit inspections can be recorded at the push of a button.

Fixed battery provides 20 months storage, followed by 90 days normal use.

Industry best download time - less than 4 seconds for full memory.

Comprehensive customisation options including alert settings, sample interval and trip duration.

Applications

Transportation

Perishables Transport

Produce Transport

Pharmaceutical Transport

Blood Transport

Specifications

Product Model	SRIC-4
Sensor Measurement Range	-30°C to +60°C (-22°F to +140°F).
Operating Temperature Range	-30°C to +60°C (-22°F to +140°F).
Storage Temperature Range	0°C to +40°C (32°F to +104°F).
Rated Temperature Reading Accuracy	Better than ±0.5°C (±0.9°F) for -5°C to +30°C (23°F to 86°F). ±0.8°C (±1.5°F) or better for measurements in other areas of rated range. *Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.*
Rated Temperature Reading Resolution	<0.1°C/F *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	3968 temperature readings. 13 days @ 5min logging, 41 days @ 15min logging.
Sampling Interval	Configurable from 1 minute to 18 hours.
Logging Start Options	Push button start or specific date & time.
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator.
Alarms	1 configurable upper and 1 configurable lower alarms.
Download Time	Typically less than 4 seconds for full memory (3968 readings), depending on computer or readout device used.
Environmental	IP65 (roughly equivalent to NEMA 4).
Power Source	CR2032 3V $LiMnO_2$ Battery (Fixed).
Battery Life	20 months storage life, followed by 90 days normal use.
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	77mm(H) x 54.5mm(W) x 8.6mm(T).
Weight	28g.
Case Material	Polycarbonate.

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