

SINGLE-USE LOGGER ON THE GO



SRIC-4

Single-Use Temperature Recorder

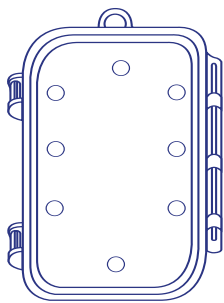
LogTag Recorders



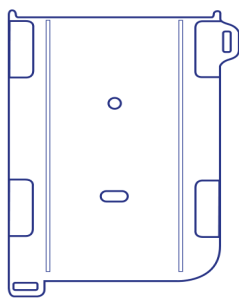
The LogTag® SRIC-4 is a single-trip temperature recorder developed specifically for monitoring temperature sensitive products in both short haul and long-distance transportation applications.

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



LTI-WiFi
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 $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) for -5°C to $+30^{\circ}\text{C}$ (23°F to 86°F). $\pm 0.8^{\circ}\text{C}$ ($\pm 1.5^{\circ}\text{F}$) or better for measurements in other areas of rated range. <i>Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.</i>
Rated Temperature Reading Resolution	<0.1°C/F <i>LogTag Analyzer® currently displays to one decimal place of °C or °F. The native resolution is what is stored in the LogTag®.</i>
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 $\pm 25\text{ppm}$ @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is $-0.034 \pm 0.006\text{ppm}/^{\circ}\text{C}$ (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.

