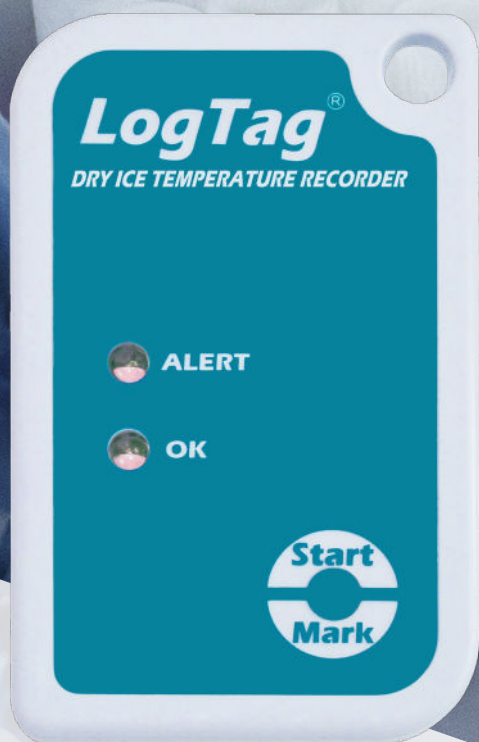


LOW TEMPERATURE ON THE GO



LogTag[®]

SRIL-8
Single-Use Low Temperature Logger

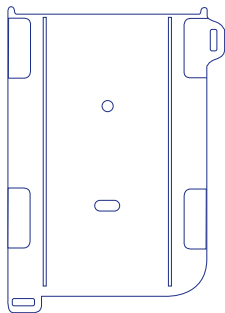


The LogTag® Dry Ice “Probe-less” Temperature Logger operates, measures and stores up to 8,000 temperature readings in temperature environments ranging from -80 °C to +40 °C (-112 °F to +104 °F).

Intended for use in transit monitoring of articles stored in packaging incorporating dry ice cooling agents.

The LogTag® Dry Ice Temperature Logger is easily configured for recording conditions including delayed start, sampling interval, number of readings and configuration of conditions to activate the ALERT indicator.

Accessories



Wall Mount
Not Included



LTI HID
Not Included

Features



Records temperature from +40 °C to as low as -80 °C.



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



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



Push-to-start button with optional delay or a specific time and date.



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



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

Applications



Pharmaceutical Transport



Blood and Organ Transport



Chemical Transport



Manufacturing Distribution

Specifications

Product Model	SRIL-8 - Single use
Sensor Measurement Range	-80 °C to +40 °C (-112 °F to +104 °F)
Operating Temperature Range	-80 °C to +40 °C (-112 °F to +104 °F)
Storage Temperature Range	-20 °C to +40 °C (-4 °F to +104 °F)
Rated Temperature Reading Accuracy	Better than ± 1 °C (± 1.8 °F) for -30 °C to +20 °C (-22 °F to +68 °F) Better than ± 1.2 °C (± 2.1 °F) for -45 °C to -30 °C (-49 °F to -22 °F) and +20 °C to +40 °C (+68 °F to +104 °F) Better than ± 1.7 °C (± 3.1 °F) for -80 °C to -45 °C (-112 °F to -49 °F) <i>Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration</i>
Rated Temperature Reading Resolution	Less than 0.1 °C (0.2 °F) for -80 °C to 0.0 °C (-112 °F to +32 °F) Less than 0.2 °C (0.4 °F) for 0.0 °C to +20 °C (+32 °F to +68 °F) Less than 0.5 °C (0.9 °F) for +20 °C to +40 °C (+68 °F to +104 °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	8,031 temperature readings 53 days @ 10min logging, 80 days @ 15min logging
Sampling Interval	Configurable from 1 minute to several hours
Logging Start Options	Push button start or specific date and time
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator
Download Time	Typically less than 5 seconds for full memory (8,031 readings), depending on computer or readout device used
Environmental	IP65 (roughly equivalent to NEMA 4)
Power Source	3.6V low temperature chemistry Lithium Battery (Fixed)
Battery Life	Up to 12 months of storage life before 'start' (if it is hibernation mode) Rated for up to a total accumulative exposure of 1,000hrs @ -80°C across multiple trips
Real Time Clock	Built-in real time clock Rated accuracy ± 25 ppm @ 25 °C (equivalent to 2.5 seconds/day) Rated temperature coefficient is -0.034 ± 0.006 ppm/°C (i.e. typically +/- 0.00294 seconds/day/°C)
Size	86mm(H) x 54.5mm(W) x 8.6mm(T)
Weight	33g
Case Material	Polycarbonate

