DATASHEET

USRIC-4

LogTag

Distributed by AKRIBIS

SINGLE-USE USB TEMPERATURE LOGGER

USRIC-4

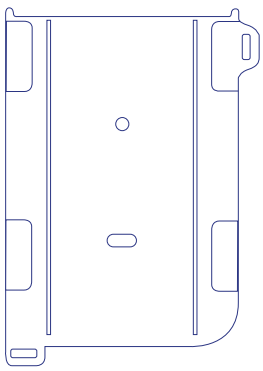
Single-Use USB Temperature Recorder

LogTag Recorders

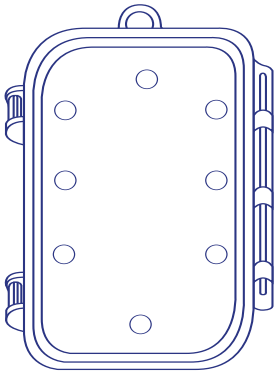
The LogTag® USRIC-4 is a single-use, cost effective & reliable temperature recorder, measures and stores real time temperature readings over a measurement range of -30°C to +60°C (-22°F to +140°F).

The LogTag® USRIC-4 combines all the features of an advanced temperature recorder with a 4,000 log memory and a 6-month operating life in a robust and inexpensive package.

Accessories



Wall Mount
Not Included



Protective Enclosure
Not Included

Features

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

Customize start options, logging interval, alert parameters and many more.

Real time clock provides date/time stamp for every recording.

Integral USB connector - no separate Interface Cradle required.

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

Fixed battery provides 2 years storage, followed by 6 months normal use.

Applications

Transportation

Perishables Transport

Produce Transport

Pharmaceutical Transport

Specifications

Product Model	USRIC-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	3937 temperature readings. 14 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 (3937 readings), depending on computer or readout device used.
Environmental	IP64 with USB cap fitted.
Power Source	CR2032 3V $LiMnO_2$ Battery (Fixed).
Battery Life	2 years storage, followed by 6 months 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	USB 2.0, A-type plug.
Software	LogTag® Analyzer 2.5 or higher.
Size	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
Weight	30g.
Case Material	Polycarbonate.

designed for 21CFR Part 11

RoHS COMPLIANT

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