DATASHEET

USRIC-8

LogTag

Distributed by AKRIBIS

PLUG AND PLAY TEMPERATURE MONITORING

LogTag®

USRIC-8

Single-Use PDF USB Temperature Logger

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

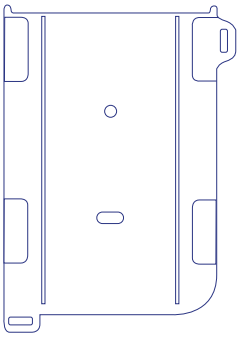
The LogTag® USRIC-8 is a single-use, cost effective and reliable temperature recorder. It measures and stores real-time temperature range readings from -30°C to +60°C (from -22°F to +140°F).

The LogTag® USRIC-8 combines all the features of an advanced temperature recorder with an 8,000-log memory. It has a shelf life of up to two years before configuration (in standard hibernation mode), and a 6-month fixed battery operating life.

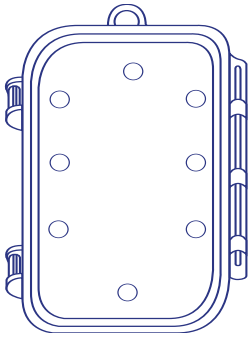
Data from LogTag® USRIC-8 downloaded using the LogTag® Xpress can be uploaded and viewed in LogTag® Online without the need for creating an account.

Scan the QR code to get started.

Accessories



Wall Mount
Not Included



Protective Enclosure
Not Included

Features

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

Data is viewable in LogTag® Online without the need for an account.*

Automatic generation of a PDF, CSV, LogTag® Data report without special software.

Six user-configurable alarms.

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

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

Built-in integrated USB connector without the need for a separate Interface Cradle.

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

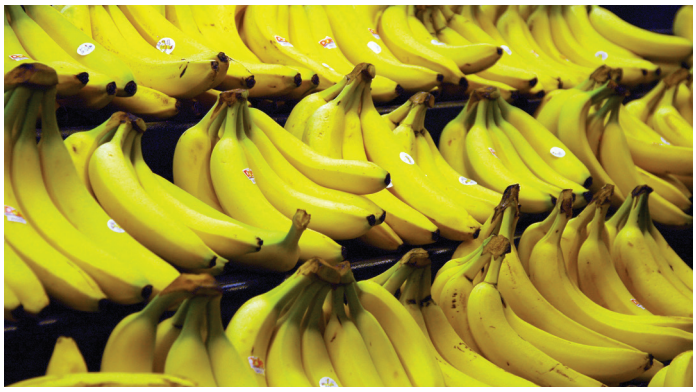
Push-to-start button with optional delay or a specific time and date.

*Uploading files to LogTag® Online is enabled by default on new installations of LogTag® Xpress (version 1.2.2 onwards).

Applications

Transportation

Perishables Transport



Produce Transport

Pharmaceutical Transport

Vaccines Transport

Specifications

Product Model	USRIC-8
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	8,001 temperature readings. 27 days @ 5min logging, 80 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	6 user-configurable alarms.
Download Time	Typically in less than 20 seconds from time of insertion to availability of PDF report. Typically less than 10 seconds from time of insertion to availability of LTD file in LogTag® Analyzer (if configured).
Environmental	IEC 60529: 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	PDF Reader, LogTag® Analyzer 2.5 or higher, LogTag Xpress, LogTag Online
Size	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
Weight	31g.
Case Material	Polycarbonate.

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