BROCHURE

USRID-16

LogTag

Distributed by AKRIBIS

SINGLE-USE PDF LOGGER AT A GLANCE

LogTag®

USRID-16

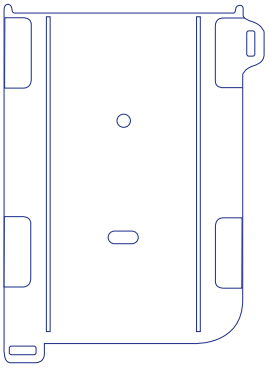
Single-Use Display USB PDF Temperature Recorder

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

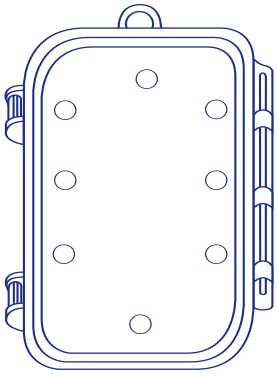
The LogTag® USRID-16 measures and stores real time temperature readings over a measurement range of -30°C to +60°C (-22°F to +140°F). The LogTag® USRID-16 combines all the features of an advanced temperature recorder with a 16,000 log memory.

The display is designed to show 'at a glance' if there has been a temperature excursion. The USRID-16 plugs directly into the computer USB for an easy configuration by the user for a wide range of recording and alert conditions for upper and lower alarm.

Accessories



Wall Mount
Not Included



Protective Enclosure
Not Included

Features

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

for the longest trip.

In-transit inspections can be

Up to 16,000 recordings - enough

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

recorded at the push of a button.

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

Automatic generation of a PDF, CSV, LTD report without special software.

Integral USB connector - no separate Interface Cradle required.

Applications

Pharmaceutical Transport

Vaccines Transport

Produce Transport

Perishables Transport

Specifications

Product Model	USRID-16 (Fixed battery).
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). (This is the optimal recommended storage temperature range).
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	Better than 0.1°C or °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 7 minutes (T90) in moving air (1m/s).
Recording Capacity	16129 temperature readings. 56 days @ 5min logging.
Sampling Interval	Configurable from 30 seconds to 18 hours.
Logging Start Options	Push button start or specific date & time. Optional start delay of 1 minute to 72 hours.
Recording Indication	'REC' symbol on display.
Alarms	1 upper and 1 lower alarm.
Download Time	Typically with full memory (16.129 readings) 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 (Non-Replaceable).
Battery Life	2 years storage life, 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 3.2 or higher.
Size	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
Weight	31g.
Case Material	Polycarbonate.

designed for 21CFR Part 11

RoHS COMPLIANT

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