MULTI-USE PDF LOGGER AT A DISTANCE

UTRIX-16

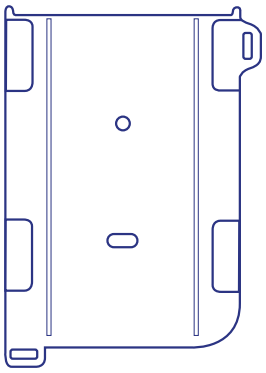
Multi-Use USB PDF Temperature Recorder

LogTag Recorders

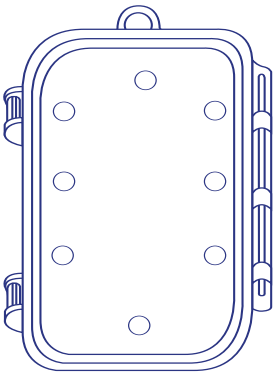
The LogTag® UTRIX-16 satisfies the growing need for a cost effective and reliable multi-use temperature recorder. It requires no special hardware or proprietary software to access the recorded data and can generate a fully detailed PDF report.

The LogTag® UTRIX-16 stores real-time temperature readings over a measurement range of -30°C to +70°C (-22°F to +158°F), displays user-configurable alerts, and comes with an integrated, long-life USB connector.

Accessories



Wall Mount
Not Included



Protective Enclosure
Not Included

Features

Records temperature from -30°C to +70°C.

Measure and store up to 16,000 temperature readings.

Up to 16,000 recordings - provides over 3 months logging at 10 minute sample intervals.

Can be connected to any computer with a USB port. No interface cradle required.

Automatic generation of a PDF report as a permanent record of the data.

Fixed battery provides 1 year storage, followed by 2 – 3 years of normal use.

Applications

Transportation

Farming

Cold Storage

Produce

Laboratories

Warehouse

Specifications

Product Model	UTRIX-16
Sensor Measurement Range	-30°C to +70°C (-22°F to +158°F).
Operating Temperature Range	-30°C to +70°C (-22°F to +158°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 -20°C to +40°C (-4°F to +104°F). Better than ±0.7°C (±1.3°F) for -25°C to -20°C (-13°F to -4°F) & +40°C to +60°C (+104°F to +140°F). Better than ±0.8°C (±1.5°F) for +60°C to +70°C (+140°F to +158°F). *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 7 minutes (T90) in moving air (1m/s) in EN12830:1999.
Recording Capacity	16,129 temperature readings. 56 days @ 5min logging, 168 days @ 15min logging.
Sampling Interval	Configurable from 30 seconds to 18 hours.
Logging Start Options	Push button start (with configurable start delay from 1 minute to 72 hours) or specific date & time.
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator.
Alarms	1 configurable upper and 1 configurable lower alarms.
Download Time	Typically with full memory (16,129 readings) in less than 30 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	CR2450 3V $LiMnO_2$ Battery (Fixed).
Battery Life	1 year storage, followed by 2 – 3 years of normal use (based on 15 minute logging, download data monthly).
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.
Size	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
Weight	36g.
Case Material	Polycarbonate.

designed for 21CFRPart11

RoHS COMPLIANT

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