



## UTRIX-16 Multi-Use USB PDF Temperature Recorder

- Automatically generates a PDF report and an Excel data file - no special download software required.
- Automatically generates an encrypted LogTag data file - for a more detailed analysis and to comply with FDA CFR21 Part 11.
- Fully user configurable via LogTag Analyzer® for individual alarm settings, start options, trip length and log interval.
- Durable, reliable USB connector with gold plated contacts, designed for multiple insertions.
- Up to 16,129 recordings - provides over 3 months logging at 10 minute sample intervals.
- Suitable for any multi-use application where the recorder can be recovered and reused.

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 UTRIX-16 stores real-time temperature readings over a measurement range of -25°C to +70°C (-13°F to +158°F), displays user-configurable alerts, and comes with an integrated, long-life USB connector.

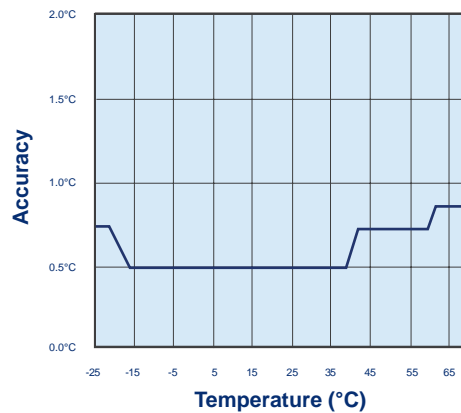
The UTRIX-16 is enclosed in the same robust and durable polycarbonate case common to other LogTag products.

The UTRIX-16 plugs directly into the computer USB for easy configuration by the user for a wide range of recording and alert conditions. Upon download, it automatically generates a fully detailed PDF report with the option to download the data using the freely available LogTag® Analyzer software for a more detailed analysis.

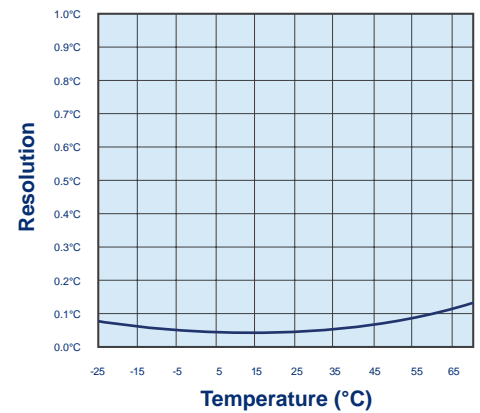
A red ALERT indicator provides an immediate indication - without access to a PC - if any readings are outside the limits specified at the time the unit was configured. A green OK indicator provides immediate visual confirmation that the unit is operating.



Rated Absolute Accuracy



Rated Native Resolution



## Product Specifications

<b>Product Model</b>	UTRIX-16
<b>Sensor Measurement Range</b>	-25°C to +70°C (-13°F to +158°F).
<b>Operating Temperature Range</b>	-25°C to +70°C (-13°F to +158°F).
<b>Storage Temperature Range</b>	0°C to +40°C (32°F to +104°F).
<b>Rated Temperature Reading Accuracy</b>	Better than $\pm 0.5^{\circ}\text{C}$ ( $\pm 0.9^{\circ}\text{F}$ ) for $-20^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ ( $-4^{\circ}\text{F}$ to $+104^{\circ}\text{F}$ ). Better than $\pm 0.7^{\circ}\text{C}$ ( $\pm 1.3^{\circ}\text{F}$ ) for $-25^{\circ}\text{C}$ to $-20^{\circ}\text{C}$ ( $-13^{\circ}\text{F}$ to $-4^{\circ}\text{F}$ ) & $+40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ ( $+104^{\circ}\text{F}$ to $+140^{\circ}\text{F}$ ). Better than $\pm 0.8^{\circ}\text{C}$ ( $\pm 1.5^{\circ}\text{F}$ ) for $+60^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ ( $+140^{\circ}\text{F}$ to $+158^{\circ}\text{F}$ ). <i>Actual performance is typically much better than the rated values. Please see the Rated Absolute Accuracy chart below. Accuracy figures can be improved by recalibration.</i>
<b>Rated Temperature Reading Resolution</b>	< 0.1°C/F <i>Please see the Rated Native Resolution chart below. LogTag Analyzer® currently displays to one decimal place of °C or °F. The native resolution is what is stored in the LogTag®.</i>
<b>Sensor Reaction Time</b>	Typically less than 7 minutes (T90) in moving air (1m/s) in EN12830:1999.
<b>Recording Capacity</b>	16,129 temperature readings, 56 days @ 5min logging, 168 days @ 15min logging.
<b>Sampling Interval</b>	Configurable from 30 seconds to 18 hours.
<b>Logging Start Options</b>	Push button start (with configurable start delay from 1 minute to 72 hours) or specific date & time.
<b>Recording Indication</b>	Flashing 'OK' indicator / flashing 'ALERT' indicator.
<b>Alarms</b>	1 configurable upper and 1 configurable lower alarms.
<b>Download Time</b>	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).
<b>Environmental</b>	IEC 60529: IP64 with USB cap fitted.
<b>Power Source</b>	3V Li-Mg Battery.
<b>Battery Life</b>	Typically 2 - 3 years with normal use (15 minute sampling interval, download data monthly), provided Logger is kept within the Storage Temperature Range when not in use.
<b>Real Time Clock</b>	Built-in real time clock. Rated accuracy $\pm 25\text{ppm}$ @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is $-0.034 \pm 0.006\text{ppm}/^{\circ}\text{C}$ (i.e typically +/- 0.00294 seconds/day/°C).
<b>Connection Interface</b>	USB 2.0, A-type plug.
<b>Software</b>	PDF Reader, LogTag® Analyzer 2.5 or higher.
<b>Size</b>	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
<b>Weight</b>	36g.
<b>Case Material</b>	Polycarbonate.

## Accessories



Protective Enclosure



Wall Mount Bracket

