

Product Model	UTRID-16 (Replaceable Battery).
Sensor Measurement Range	-25°C to +60°C (-13°F to +140°F)
Operating Temperature Range	-25°C to +60°C (-13°F to +140°F)
Storage Temperature Range	0°C to +40°C (32°F to +104°F).
Rated Temperature Reading Accuracy	Better than $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) for -20°C to $+40^{\circ}\text{C}$ (-4°F to $+104^{\circ}\text{F}$). Better than $\pm 0.7^{\circ}\text{C}$ ($\pm 1.3^{\circ}\text{F}$) for -25°C to -20°C (-13°F to -4°F) & $+40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ ($+104^{\circ}\text{F}$ to $+140^{\circ}\text{F}$). <i>Actual performance is typically much better than the rated values. Please see the Rated Absolute Accuracy chart below.</i> <i>Accuracy figures can be improved by recalibration.</i>
Rated Temperature Reading Resolution	Less than 0.1°C/F. <i>Please see the Rated Native Resolution chart below.</i> <i>LogTag Analyzer® currently displays to one decimal place of °C or °F. The native resolution is what is stored in the LogTag®.</i>
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. Statistics memory (for display on LCD):Max/Min values and alarm duration values.
Sampling Interval	Configurable from 1 minute 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	REC symbol on LCD
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	3V CR2032 Battery (User replaceable).
Battery Life	Typically 1 year of operation with normal use (6 minute logging, statistics reviewed on the display no more than once daily for no longer than 30 seconds each time, download data monthly) provided the logger is kept within the storage temperature range when not in use. The battery low symbol will appear on the LCD if the UTRID-16 has a low battery.
Real Time Clock	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).
Connection Interface	USB 2.0, A-type plug
Software	PDF Reader, LogTag® Analyzer Available from logtagrecorders.com/software
Size	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
Weight	39g.
Case Material	Polycarbonate.