

# Specifications

Product Model	UTRIX-16
Sensor Measurement Range	-25°C to +70°C (-13°F to +158°F)
Operating Temperature Range	-25°C to +70°C (-13°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). <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>
Rated Temperature Reading Resolution	Less than 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>
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 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	Flashing 'OK' indicator / flashing 'ALERT' indicator.
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 Li-Mg Battery.
Battery Life	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.
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.

Compliance and Certifications

