

TEMPERATURE LOGGERS

LogTag™ Temperature Recorder Light, Small and Accurate

LogTag™ has been designed to meet growing demand for cost effective electronic temperature recording solutions. Combining state-of-the-art technology, innovative design and high volume manufacturing techniques, LogTag™ provides the most affordable high performance temperature data logging system available for today's market. More accurate than any comparable logger type, LogTag's beauty is in the performance specifications combined with low cost.



LogTag™ is sized like a credit card (just a little thicker). It's easy to slip into packages and can be used in water baths and wet environments inside a small ziplock bag. The alert light warns of over or under temperature conditions and the

start button functions as a "inspection mark record" button after the unit is running. This is useful for separating out a portion of the stored data for specific interpretation, or simple recording the fact that personnel checked on the unit (useful for HACCP freezer and warehouse monitoring). Pressing the button records an event marker in memory that is saved when the unit is downloaded.

LogTag™ has a unique interface design that provides rapid and reliable data transfer to PC or data collection device in less than 5 seconds. See our website for current pricing and availability; substantial quantity discounts are available.

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Specifications

- Range: -40°F to +185°F (-40°C to +85°C)
- Resolution: 0.2°F (0.1°C) for -40°F to +104°F (-40°C to +40°C)
- Resolution: 0.4°F (0.2°C) for +104°F to +176°F (+40°C to +80°C)
- Minimum Accuracy: ±0.9 F (0.5°C) for +14° F to +104°F (-10°C to +40°C)
- Minimum Accuracy: ±1.3 F (0.7°C) for +14° F to -22°F (-10°C to -30°C)
- Minimum Accuracy: ±1.3 F (0.7°C) for +104° F to +140°F (+40°C to +60°C)
- Minimum Accuracy: ±1.5 F (0.8°C) for -22° F to -40°F (-30°C to -40°C)
- Minimum Accuracy: ±1.5 F (0.8°C) for +140° F to +176°F (+60°C to +80°C)
- Sensor Reaction Time: Less than 2 minutes response constant (T₉₀) in moving air.
- 8,000 readings (16K bytes memory)
- Recording Interval: software adjustable, 30 sec to several hours
- Flashing 'OK' LED or flashing 'Alert LED'
- Download Time: < 5 seconds
- IP65 (standard) or IP67 (special order)
- 3V Lithium battery
- Battery Life 2 ~ 3 years of normal use (based on 15 minute logging, download data monthly)
- 3.38 inches (86mm) Height 2.15 inches (54.5mm) Width 0.33 inches (8.6mm) Depth
- 1.23 oz (35 g)
- Polycarbonate case material for durability
- Logging start by push button
- Logging inspection mark in log by push button - inspection marks can be used for MKT interval selection
- 'Prestart' failsafe logging option (unit is always running and recording data - 'start' is a event mark)
- Low Battery indication in software
- Calibration available to achieve higher accuracy possible

External sensor



LogTag Software is an extremely simple to use "single screen" display that loads instantly when the logger unit is placed in the interface. Data appears on the screen without the need for any user mouse clicks or input. Despite its simplicity, sophisticated users can nonetheless access a whole suite of specialized functions, including customization of display, preprogramming options, specialized extraction or interpretation of just that data that occurs between user "marks" placed into the record by pressing the MARK button on the running LogTag™ unit. LogTag™ software has three components: LogTag™ Analyser (basic software for downloading and viewing data), LogTag™ Server (system software for the data administrator in a digital signature program) and LogTag™ Events (system software for the recording and archiving of digital signature events in the system by various users). LogTag™ digital signature capability has been tested and approved by a major pharmaceutical company.

LogTag™ Analyser may be downloaded free from the Global Sensors website. Other LogTag™ software components for the digital signature system are free to qualified customers who will use LogTag™ in an FDA-compliant or similar program. Call us to learn more.