Track-It™
Temperature Data Loggers

Description

The Track-It™ Temperature Data Logger is a battery powered stand alone compact data logger that records up to 64,000 samples of temperature data. The unit is easily configured using the included Track-It™ Software. Simply plug the logger into an open USB port on your PC and the software automatically identifies the logger. Set the unit up to start and stop recording at a predetermined time and date or only when an alarm condition is sensed. The sample storage rate can be set from 1 sample every 2 seconds up to 1 sample every 24 hours. The on board data storage is non-volatile so data will not be lost in the event of a depleted battery. The Track-It™ Temp Logger can be ordered with or without an LCD display.

Features

- Push button or program to start recording
- Up to 64,000 samples per record
- Alarm set points
- Small compact size
- Integral USB interface (no custom cable!)
- Interactive software (included!)
- N.I.S.T. calibration available
- One year battery life (battery included!)
- Optional five year battery life
- Wide temperature range –4 to 185°F/85°C
- High accuracy and repeatability
- Accurate internal clock (1 minute/year)
- Multiple user programmable displays
- MKT calculation included

Typical Uses

- Shipping
- Warehouse
- Food
- Museums
- Buildings
- Laboratories
- HVAC
- Refrigeration
- Pharmaceutical
- Agriculture
- Computer Rooms
- Communications Equipment
- HACCP
- Transportation/Cold Chain
**Track-It™ Temperature Data Loggers**

**Specifications**

**General**

<table>
<thead>
<tr>
<th>Record</th>
<th>Sample Rates: User configured 1 every 2 seconds to 1 every 24 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Samples</td>
<td>32,000 or 64,000 (depends on setup)</td>
</tr>
</tbody>
</table>

**Record Trigger:** Two independent triggers. Multiple trigger modes: Instantaneous, button control, on alarm, time and date (start and stop), day of week

**Record Mode:** Fill to end of memory; cyclic, number of samples, time duration

**Display:** 4 digit LCD (Non display versions available with LED only)

**LED:** User programmable: Indication of data value, eng units, alarms, record mode, battery condition, time/date, memory

**Button:** User programmable: View display, record on/off, reset alarms, reset timer

**Alarms:** 2 user programmable alarms. High or Low

**Communication:** Direct USB connection

**Software:** Track-it™ Software - Program device, view data(historic or real time), export to Excel™ Simple and advanced modes

**Battery:**
- Coin Cell Option: Battery: Lithium CR2032
  - Life: 1 year @ 1 minute sample rate
- Hi Energy Option: Battery: E651625
  - Life: 3 years @ 1 minute sample rate

**Dimensions:** 3.66" (9.29cm)L x 0.75" (1.91cm)H x 1.16" (2.95cm)W

**Measurement**

<table>
<thead>
<tr>
<th>Temperature Range:</th>
<th>-20 to +85°C / -4 to 185°F w/EF65162 battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy:</td>
<td>±0.5°C 0 to 50°C / 32 to 122°F</td>
</tr>
<tr>
<td>Resolution:</td>
<td>±2°C -20 to 85°C / -4 to 185 F</td>
</tr>
<tr>
<td>Clock Accuracy:</td>
<td>± 1 minute/year</td>
</tr>
</tbody>
</table>

**Ordering Information**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp Track-it</td>
<td>Logger with display, standard battery</td>
<td>5396-0101</td>
</tr>
<tr>
<td>Temp Track-it LB</td>
<td>Logger with display, long life battery</td>
<td>5396-0102</td>
</tr>
<tr>
<td>Temp Track-it B</td>
<td>Logger, no display, standard battery</td>
<td>5396-0103</td>
</tr>
<tr>
<td>Temp Track-it BLB</td>
<td>Logger, no display, long life battery</td>
<td>5396-0104</td>
</tr>
<tr>
<td>NIST Temp</td>
<td>Logger w/ NIST Calibration Certificate</td>
<td>5396-01xx-CAL</td>
</tr>
</tbody>
</table>

**Track-It™ Transport App**

Track-It™ Transport is a free Android Application that allows you to use your Android device to start and stop recording and transfer data using a USB On-the-Go cable. Available on Google Play:


**Track-It™ Software**

Track-It™ Software is a powerful Windows based software package that is included with every Track-It™ Data Logger. It allows for easy setup, retrieval, interpretation and export of the recorded data. Simply connect your Track-It™ data logger to an open USB port and begin communicating immediately.

Point and click to select your sample interval, alarm set points, engineering units and recording triggers.

View a numerical data table or graphical representation of data readings relative to time. Use the graph cursor tools such as panel meter display, x-y value, period, or peak to peak. Zoom and stretch to examine and analyze the data and print a graphical report. From the data table view, see a summary containing min, max and average as well as Mean Kinetic Temperature. Export stored data to an Excel™ spreadsheet. Track-It™ Software also turns your PC into a real time data acquisition system by allowing you to stream graphical or tabular data directly to your PC.