Track-It™ RH/Temp Data Loggers

Description

The Track-It™ RH/Temp Data Logger is a battery powered stand alone compact data logger that records up to 64,000 samples of Relative Humidity and/or 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. Configure the unit 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™ RH/Temp Logger can be ordered



with or without an LCD display. Information displayed on the LCD is also user programmable and can be sequenced by pressing the logger button. Both models have a multicolored LED indicator to notify user of alarms or general activity. A splash proof protective cover protects the logger when in use.

Features

- Push button or use PC 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!)
- One year battery life (battery included!)
- Optional three year battery life

- Temperature range -4 to 185°F/85°C
- Wide RH range 0-100%
- High accuracy and repeatability
- Accurate internal clock (1 minute/year)
- Dew point calculation standard
- Multiple user programmable displays
- N.I.S.T. calibration available
- MKT calculation included
- Dew Point calculation included

Typical Uses

- Shipping
- Buildings/Warehouse
- Food
- Museums
- Dew Point Calculation
- Laboratories
- Libraries
- HVAC

- Refrigeration
- Pharmaceutical
- Agriculture
- Computer Rooms
- Communications Equipment
- HACCP
- Transportation/Cold Chain
- Storage













Track-It™ **RH/Temp Data Loggers**



5396-02xx-CAL

Specifications

General		Measurement	
Record:	Sample Rates: User configured 1 every 2 seconds up to 1 every 24	Humidity Range:	0-100% RH
	hours No. of Samples: 32,000 or 64,000 (depends on setup)	Accuracy:	Typical ± 3% (20 to 80% RH) Max ± 5% (0 to 100% RH)
Record Trigger:	Two independent triggers. Multiple trigger modes: Instantaneous, button control, on alarm, time and date (start and stop), day of week	Resolution:	0.1% RH
Record Mode:	Fill to end of memory, cyclic, number of samples, time duration	Repeatability:	0.1% RH
Record Wiode.	This to end of memory, cyclic, number of samples, time duration	Temperature Range:	-20 to +85°C /-4 to 185°F long life battery
Display:	4 digit LCD (Non display versions available with LED only) User programmable: Indication of data value, eng units, alarms, record mode, battery condition, time/date, memory	remperature nange.	-20 to +70°C /-4 to 158°F standard battery
		Accuracy:	±0.5°C 0 to 60°C / 32 to 140°F ±1°C -20 to 85°C / -4 to 185°F
LED:	User programmable: Indication of alarms, recording, triggered	Resolution:	0.06°C / 0.11°F
Button:	User programmable: View display, record on/off, reset alarms, reset timer	Repeatability:	±0.1°C / ±0.2°F
Alarms:	2 user programmable alarms. High or Low	Clock Accuracy:	±1 minute/year
Communica-	Direct USB connection	,	
tion:			
Software:	Track-It™ Software—Program device, view data (historic or real time), export to Excel™. Simple and advanced modes	Ordering Information	
Battery:	Coin Cell Option: Battery: Lithium CR2032 Life: 1 year @ 1 minute sample rate	RHTemp Track-It L	DescriptionPart No.ogger w/display, standard battery5396-0201ogger w/display, long life battery5396-0202

Track-It™ Software

Dimensions:

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.

Hi Energy Option: Battery: EF651625

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

Life: 3 years @ 1 minute sample rate

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

Advanced analysis such as MKT and Dew Point calculations are standard. View a numerical data table or graphical representation of data readings relative to time. Use the graph tools such as zoom, cursor, min and max to examine and analyze the record. Track-It™ Software turns your PC into a real time data acquisition system by allowing you to stream graphical or tabular data directly to your PC. Export stored data into an Excel spreadsheet.



RHTemp Track-It BLB Logger, no display, long life battery
NIST RHTemp Logger w/ NIST calibration cert

Calculate and Trend Dew Point

Track-It™ Transport App

RHTemp Track-It B



Phone: (603) 883-3390

Fax: (603) 886-3300

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.

