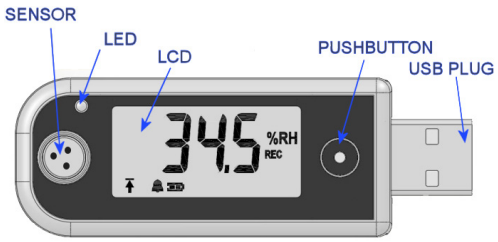
Track-It™ USB Barometric Pressure/Altitude/Temp

Features:

- Up to 64,000 samples per record
- Small compact size
- Integral USB interface (no custom cable)
- Free Android Transporter App included
- Free software download included
- Long-life battery option
  (Extends Temp range to -40 to 185°F/-40 to 85°C)
- Accepts external DCV/DCI inputs
- High accuracy and repeatability
- Multiple user-selectable displays
- Alarm set points
- Multiple engineering units
- Protective rubber boot included
- NIST Traceable Certificate available



The Track-It Barometric Pressure/Altitude/Temperature Data Logger is a battery powered stand alone compact data logger that records up to 64,000 samples of Barometric Pressure 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 immediately, 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 onboard data storage is nonvolatile so data will not be lost in the event of a depleted battery. Barometric (also known as atmospheric) pressure can be displayed in a variety of engineering units. It can be used as an altimeter. Information displayed on the LCD is user selectable and can be sequenced by pressing the logger button. There is a multicolored LED indicator to notify user of alarms or general activity. A splash-proof protective cover protects the logger when in use. Additionally, the logger can be used to record external inputs using optional Track-It DC voltage or DC current modules.

MADE IN THE USA with US and Imported Components

www.monarchinstrument.com

Track-It™ Barometric Pressure/Altitude/Temp Data Logger

Specifications*	USB Barometric Pressure/Altitude/Temperature Data Logger
General:	
Record	Sample rates: User-configured 1 every 2 seconds to 1 every 24 hours Number of samples: 32,000 or 64,000 (depends on setup)
Record Trigger	Two (2) 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 or cyclic, number of samples and time duration
Display	4-digit LCD, user programmable: indication of data value, eng units, alarms, record mode, battery condition, time/date, memory used %
LED	User programmable: indication of alarms, recording, triggered
Button	User programmable: view display, record on/off, reset alarms
Alarms	Two (2) user-programmable (High and Low)
Communication	Direct USB connection
Software	**Track-It™ Datalogger Software** — program device, view data (historic or real time), export to Excel-compatible format; simple and advanced modes
Battery	**Standard:** Lithium CR2032 coin cell, 1-year life typical @ 1 minute sample rate **Extended (Long-life):** Li-SOCI2 EF651625, 3-year life typical @ 1 minute sample rate
Safety	Meets the safety measurements of IEC1010-1. This product is not waterproof.
Dimensions LxHxW	3.66 in. x 0.75 in. x 1.16 in. [9.29 cm x 1.91 cm x 2.95 cm]
Measurement:	
Pressure Range	30 to 120 kPa (4.4 to 17.4 PSI) Absolute Altitude: 30,000 ft. [9144 m]
Accuracy	+/-0.4 kPa 30-120 kPa (-20 °C to 0 °C) +/-0.32 kPa 30-120 kPa (0 °C to 65 °C)
Resolution	0.01 kPa displayed, 0.005 kPa recorded
Temperature Range	-20 to +60 °C / -4 to 140 °F – Standard Battery -20 to +85 °C / -4 to 185 °F – Long-life Battery
Accuracy	± 1.0 °C
Resolution**	0.1 °C displayed, 0.01 °C recorded
Clock Accuracy	±1 minute/year

*Specifications are subject to change without notice.
**All loggers display temperature in 0.1° resolution and record in full sensor resolution.

Ordering Information

Barometric w/Standard Battery USB data logger with standard battery	5396-0321
Barometric w/Standard Battery USB data logger with standard battery and NIST Traceable Certificate	5396-0321-CAL
Barometric w/High Energy Battery USB data logger with standard battery	5396-0322
Barometric w/High Energy Battery USB data logger with long life battery and NIST Traceable Certificate	5396-0322-CAL

The logger can be used to record external inputs using optional Track-It DC Voltage and Current Modules.

Ext 5 Volt Input Analog input 5 V module	5396-0503
Ext 20 mA Volt Input Analog input 20 V module	5396-0505

Other external input modules available. Contact Monarch for details.

To order, see product's webpage.

Standard Battery
1-year life typical @ 1 minute sample rate

High Energy Battery
3-year life typical @ 1 minute sample rate

Record external inputs using by adding a Track-It DC Voltage and Current Module.

Accessories:
Monarch offers many accessories to enhance the functionality and keep your Track-It efficiently running.
See the webpage for details.

Barometric 0425

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