

## SMARTBUTTON® & TRENDREADER for SMARTBUTTON SOFTWARE®

The miniature, versatile and accurate data logger that can be used to monitor temperature almost anywhere!

- Need to monitor temperature for regulatory compliance?
- Do you have several Critical Control Points that need monitoring?
- Want easy to use and intuitive software for your cold chain needs?



Then ACR's SmartButton is the temperature monitoring solution for you!

To start, just purchase the **SmartButton Starter Pack**, which includes everything you need to start:

- ✓ 1 SmartButton Temperature data logger
- ✓ TrendReader for SmartButton software on USB
- ✓ USB Interface cable
- ✓ 1 soft plastic ID tag
- ✓ 1 Magnetic backing & 1 Adhesive backing

Because of its small size and low-cost, you can then purchase tens or hundreds of SmartButtons for multiple-site temperature monitoring.

### Applications

The small size, wide temperature range and light weight makes it the perfect solution for almost any temperature monitoring requirement.

Just a few of the typical applications include:

- Food Production, Storage & Transport
- Vaccine Transport & Storage
- Cold Chain Tracking
- Room comfort monitoring
- **Almost anywhere you need to monitor temperature over time!**

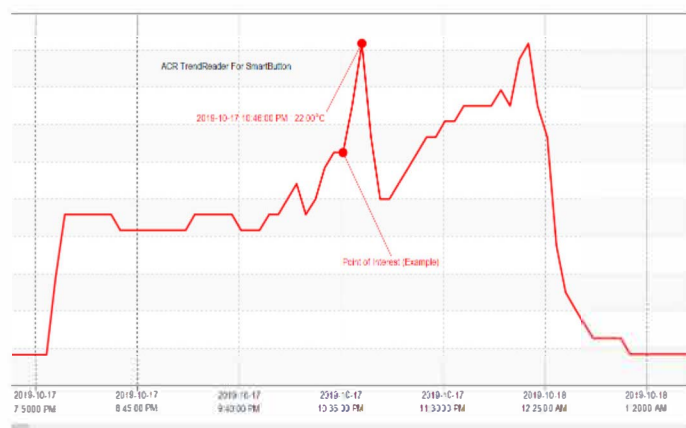


### Features & Benefits

The SmartButton is a favorite choice to monitor temperature.

- Easy to use, intuitive and powerful software – saves you time.
- Capacity of 2000+ readings, allows you to monitor for a long time.
- Affordable price makes it easy to do multiple-site monitoring.
- Presentation quality graphs can be easily exported into reports.
- Variety of mounting options.
- **1-year warranty and FREE Technical Assistance for the life of the product.**

## TrendReader For SmartButton® (TR for SB) Software



TR for SB is a powerful, versatile and easy to use software application designed specifically for ACR SmartButton Data Loggers.

### TR for SB Setup

Is fast and easy and comes with built-in, pull-down form menus for:

- Sampling Rates
- Memory Usage
- Start Delay and Descriptions

### Software Features

- Communication via USB cable.
- Plot several sessions onto one graph for comparative analysis.
- Add comments to the graph for presentation-quality reports.
- Set High & Low temperature zones for at a glance attention to excursions.
- Zoom-in for closer analysis.
- At a glance Min, Max & Average temperature readings.
- Export Capabilities to any Word based program.
- No license required.

## SmartButton Data Logger

### General Specifications

**Size:** 17 mm diameter x 6 mm height

**Weight:** 4 g

**Battery:** 3.0 volt Lithium

**Resolution:** 8 bits – 0.5°C (0.9°F)

**Mounting:** Refer to “Accessories” section

**Clock Accuracy:** +/- 2 minutes per month from 0 to 45° (32 to 113°F)

**Sampling Methods:** Continuous (1<sup>st</sup> in, 1<sup>st</sup> out) or, Stop When Full

**PC Requirements:** Windows PC with at least 512MB RAM, 250MB of hard drive space and one free USB port

**Communications:** USB/ACR SmartButton® interface

### Temperature Sensor Specifications

**Type:** Silicon

**Range:** -40°C to 85°C (-40°F to 185°F)

**Accuracy:** ±1.0°C from -30°C to 45°C (±1.8°F from -22°F to 113°F)  
±1.5°C from 45.5°C to 85°C (±2.7°F from 114°F to 185°F)