

# SmartReader SRX8



SRX8 is a self-powered, multi-channel data logger that can monitor and record multiple temperature channels simultaneously. Includes TRX Basic software and Mini USB interface cable.

## Typical applications include



Pharmaceutical manufacturing and storage



Building comfort monitoring



Pest heat treatment



Back-up system monitoring of  
Storage and Transport



Storage conditions of perishable items

## Key Features

- Plug-and-Play for ease of use
- Built-in equations onboard the data logger ensure faster downloads and collaboration with less user intervention
- Communicate with the data logger through the cost-effective and common USB MiniB interface cable
- LED flashing alarm indicators lets you know of excursions
- Two-stage alarming (warning and critical)
- Free basic software and free lifetime technical support so you can get the most functionality out of your data logger
- High-accuracy measurement with 12-bit resolution
- Realtime graphing verifies the logger is working, while also storing the readings for later download
- One-button report generation
- Wizards for Equations and programming for ease of use

## Specifications

<b>Alarm Connector</b>	Critical and Warning connections Maximum 15V Maximum 350mA
<b>Battery</b>	3.6V Lithium 3 year warranty
<b>Channel 0 - Internal Temp</b>	Resolution: > 0.1°C Range: -40°C - 85°C Accuracy: ±0.3°C (0C to 70C) Accuracy: ± 1°C (-40C to 85C)
<b>Channels 1 to 7 – Thermistor</b>	Resistance Range: 500 ohm to 400K ohm
<b>Clock Accuracy</b>	± 1 seconds per day
<b>LED Status &amp; Alarm Lights</b>	High & Low thresholds per channel Latch / Self-reset
<b>Memory Size</b>	1 Million Readings
<b>Operating Limits</b>	-40°C to 85°C (-40°F to 185°F) 0 to 95% RH non-condensing
<b>Sample Rates</b>	10s to 24 hours (normal mode)
<b>Sampling Methods</b>	Continuous (first-in-first-out) / Stop when full Immediate start / Delayed start - up to 2 months Spot / Averaged Readings
<b>Size</b>	111 mm (4 3/8") x 74mm (2 15/16") x 27 mm (1 1/16")
<b>Status Indicator</b>	Flash rate: 10 seconds Green: logging Blue: delayed start Yellow: alarm warning Red: critical alarm Magenta: memory full
<b>Weight</b>	140g (5 oz)