

## **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**

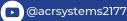
- Plug-and-Play for ease of use
- Built-in equations onboard the data logger ensure faster downloads and collaboration with less user intervention
- Communicate with the data logger through the cost-effective and common USB MiniB interface cable
- LED flashing alarm indicators lets you know of excursions
- 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

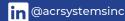














## Specifications

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









