

SmartReader SRX8



SRX8 is a self-powered, multi-channel data logger that can monitor and record multiple temperature channels simultaneously. Includes TrendReader TRX 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 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)