ACR
DATA LOGGERS

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)