

SmartReader SRX2



SRX2 is a self-powered, multi-channel data logger that can monitor and record temperature and relative humidity on-board and remotely, plus a variety of popular Process Signals at rate of 20 samples per second to 24 hours per sample. Includes TRX Basic software and Mini USB interface cable.

Typical applications include



Building power monitoring



Building comfort monitoring



HVAC systems testing & balancing



Plug load equipment monitoring



Pharmaceutical manufacturing & storage



Lighting systems monitoring



Storage conditions of perishable items

Key Features

- Capable of storing up to 1 million readings
- LED flashing alarm lights
- Two-stage alarming (Warning & Critical)
- 16-bit resolution provides greater precision
- Can be calibrated to NIST standards to achieve the highest possible measurement accuracy
- Portable equations onboard the data logger ensure faster downloads and collaboration with less user intervention
- One-button report generation
- Wizards for Equations and programming for ease of use

Specifications

Battery	3.6V Lithium 3 year warranty
Channel 0 - Internal Temp	Resolution: 0.01°C Range: -40°C - 85°C Accuracy: ±0.3°C (0C to 70C) Accuracy: ± 1°C (-40C to 85C)
Channels 1 & 2 – DC Current	Resolution; 16 bit Range: 0 – 25mA DC Accuracy: ± 0.5% Full Scale
Channel 3 – DC Voltage	Resolution; 16 bit Range: 0 – 5V DC Accuracy: ± 0.5% Full Scale
Channel 4 – DC Voltage	Resolution: 16 bit Range: 0 – 10V DC Accuracy: ± 0.5% Full Scale
Channel 5 – Internal Sensor RH	Resolution: 0.01% RH Range: 0 – 100% RH Accuracy: ± 0.3% RH
Channel 6 – Reserved for external probe	Typical: EH-030 Temperature channel
Channel 7 - Reserved for external probe	Typical: EH-030 RH channel
Sampling Methods	Continuous (first-in-first-out) / Stop when full
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)
Alarm Connector	Alarm connector Critical & Warning connections Maximum 15V Maximum 350mA