

Multi-Use Data Logger

RC-51 Series

Multi
Use



RC-51



RC-51H

Overview

RC-51 series are Elitech conventional USB temperature/humidity data loggers. Its special pen style design features with high protection class of IP67 rating.

Features

- Internal temperature/humidity sensor, accuracy up to $\pm 0.5\text{ }^{\circ}\text{C}/3\%\text{RH}$
- Auto encrypted PDF report with password protection function
- Built-in USB port allows quick access to PCs and ElitechLog software
- Powerful and intuitive indication with LCD screen and dual LED indicators
- Up to 32,000 data points memory capacity for temperature/humidity
- Up to 7 alarm thresholds configurable
- Compliance with CE (EN12830), RoHS and FDA (21CFR)

Technical Specifications	RC-51	RC-51H
Recording Options	Multi-Use	Multi-Use
Temperature Range	-30 °C to 70 °C	-30 °C to 70 °C
Humidity Range	-	10%~95%
Temperature Accuracy	$\pm 0.5\text{ }^{\circ}\text{C}(-20\text{ }^{\circ}\text{C}/+40\text{ }^{\circ}\text{C});\pm 1.0\text{ }^{\circ}\text{C}(\text{other range})$	$\pm 0.5\text{ }^{\circ}\text{C}(-20\text{ }^{\circ}\text{C}/+40\text{ }^{\circ}\text{C});\pm 1.0\text{ }^{\circ}\text{C}(\text{other range})$
Humidity Accuracy	-	$\pm 3\%\text{RH}(25\text{ }^{\circ}\text{C}, 20\%\text{RH to } 90\%\text{RH});\pm 5\%\text{RH}(\text{other range})$
Resolution	0.1 °C	0.1 °C, 0.1%RH
Data Storage Capacity	32,000 readings	32,000 readings
Shelf Life/Battery	2 years'/ER14250 button cell	2 years'/ER14250 button cell
Recording Interval	15 minutes(standard, others on request)	15 minutes(standard, others on request)
Validation Certificate	Hardcopy	Hardcopy
Report Generation	Automatic PDF report	Automatic PDF report
Alarm Configuration	Optional, up to 5 points	Optional, up to 5 points
Reprogrammable	With free Elitech Win or MAC software	With free Elitech Win or MAC software
Startup Mode	Button or software	Button or software
Stop Mode	Button, software or stop when full	Button, software or stop when full
Protection Class	IP67	-
Certifications	FDA EN12830, CE, RoHS	FDA EN12830, CE, RoHS