



LNV CORPORATION

(A Complete Solution for Industrial & Health Care Products and Services)



Elitech®



Elitech RC-4HC Digital Temperature and Humidity Data Logger Temp Recorder with External Sensors Audio Alarm

1
Export Data via Elitech Software

RC-4/RC-4HA/RC-4HC



Quality comes first and our products are designed to last.



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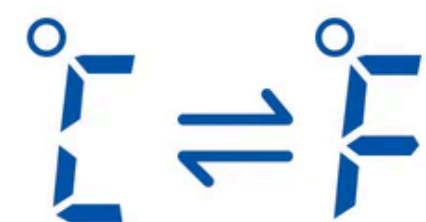
Buzzer Alarm



◆ Key Features

- Dual sensor design: internal and external probe
- Measures both temperature and humidity
- Wide temperature range: -30°C to +60°C
- Humidity range: 10%–99% RH
- High-accuracy readings with real-time display
- Audio alarm for high/low temperature or humidity deviations
- USB data export for reports and analysis
- Replaceable battery with long life
- Compact, durable, and easy to operate

Specification



Temperature Measurement Range
-40°C~+85°C(-22°F~185°F)

Temperature Accuracy
±0.5°C/±0.9°F(-20°C~+40°C);
±1°C/±1.8°F(others)

Resolution
0.1°C/°F

Amount of Data
16000 points Max

Humidity Range
10~99%RH

Keep precise track of temperature and humidity levels with the Elitech RC-4HC



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Elitech®

It ensures accuracy, real-time recording, and instant alerts — helping you maintain product safety and quality.

Elitech®
Elite of technology

RC-4/RC-4HA/RC-4HC Quick Start Guide

Software download: www.elitechlog.com/softwares

Install Battery

1. Use a proper tool (such as a coin) to loosen the battery cover.



2. Install the battery with "+" side upward and keep it under the metal connector.



3. Put the cover back and tighten the cover.



Note: Do not remove the battery when the logger is running. Please change it when necessary.

Install Software

1. Please visit www.elitechlog.com/softwares. Select and download the software.

2. Double click to open the zip file. Follow the prompts to install it.

3. When the installation is completed, the ElitechLog software will be ready to use.

Please disable the firewall or close the antivirus software if necessary.

Start/Stop Logger

1. Connect the logger to a computer to sync the logger time or configure parameters as needed.

2. Press and hold to start the logger until shows. The logger starts logging.

3. Press and release to shift between display interfaces.

4. Press and hold to stop the logger until shows. The logger stops logging.

Please note all the recorded data cannot be changed for security reasons.

Configure Software

1. Download Data: ElitechLog software will automatically access the logger and download the recorded data to local computer if it finds the logger is connected. If not, manually click "Download Data" to download the data.

2. Filter Data: Click "Filter Data" under Graph tab to select and view your desired time range of the data.

3. Export data: Click "Export Data" to save Excel/PDF format files to local computer.

4. Configure options: Set logger time, log interval, start delay, high/low limit, date / time format, email etc. (Check User Manual for default parameters).

Note: New configuration will initialize previous recorded data. Please make sure to back up all necessary data before you apply new configurations.

Refer to "Help" for more advanced functions. More product information are available on the company website www.elitechlog.com.

Troubleshooting

If...	Please...
only a few data was logged.	check whether the battery is installed or check if it was installed correctly.
the logger does not log after start up	check whether start delay is enabled in the software configuration.
the logger cannot stop logging by pressing the button .	check parameter settings to see if button customization is enabled (default configuration is disabled).

▲ Important !

- ◆ Please store the logger in indoor environment.
- ◆ Do not use the logger in corrosive liquid or excessive heat environment.
- ◆ If this is the first time you use the logger, it is suggested to connect the logger to a computer to sync the time.
- ◆ Please dispose or handle the waste logger properly by local legislation.

Technical Specifications (RC-4)

Recording Options	Multi-Use	Certifications	EN12830, CE, RoHS
		Validation Certificate	Hardcopy
Temperature Range	30°C to 60°C (Internal sensor) -40°C to 85°C (optional external sensor)	Software	ElitechLog Win or Mac (latest version)
Temperature Accuracy	±0.5(-20°C/+40°C); ±1.0(other range)	Report Generation	PDF&Excel report by Elitech software
Temperature Resolution	0.1°C	Password Protection	NONE
Data Storage Capacity	16,000 readings	Connection Interface	Mini USB
Shelf Life/Battery	1 years ¹ /CR2450 button cell	Alarm Configuration	Optional, only 2 points
Recording Interval	15 minutes (standard, others on request)	Reprogrammable	With free Elitech Win or MAC software
Dimensions	84mmx44mmx20mm(LxWxH)	Startup Mode	Button
Weight	35g	Stop Mode	Button, software or stop when full
			1. Depending on optimal storage conditions (±15°C to +23°C/45% to 75% rH)

Technical Specifications (RC-4HA/RC-4HC)

Recording Options	Multi-Use	Certifications	EN12830, CE, RoHS
		Validation Certificate	Hardcopy
Temperature Range	-30°C to 60°C (Internal sensor) -40°C to 85°C (optional external sensor)	Software	ElitechLog Win or Mac (latest version)
Humidity Range	10%-99%	Report Generation	PDF&Excel report by Elitech software
		Connection Interface	Mini USB
Accuracy	±0.5(-20°C/+40°C); ±1.0(other range) ±3%RH(25°C,20%RH to 90%RH), ±5%RH(other range)	Data Storage Capacity	8000 readings (RC-4HA) 16,000 readings (RC-4HC)
Temperature Resolution	0.1°C,0.1%RH	Password Protection	NONE
Shelf Life/Battery	1 years ¹ /CR2450 button cell	Alarm Configuration	Optional, only 2 points
Recording Interval	15 minutes(standard, others on request)	Reprogrammable	With free Elitech Win or MAC software
Stop Mode	Button, software or stop when full	Startup Mode	Button
Dimensions	84mmx44mmx20mm(LxWxH)		1. Depending on optimal storage conditions (±15°C to +23°C/45% to 75% rH)
Weight	35g		

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V2.0

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