

# Portable USB Temperature & Humidity Data Logger

# CTH-L51

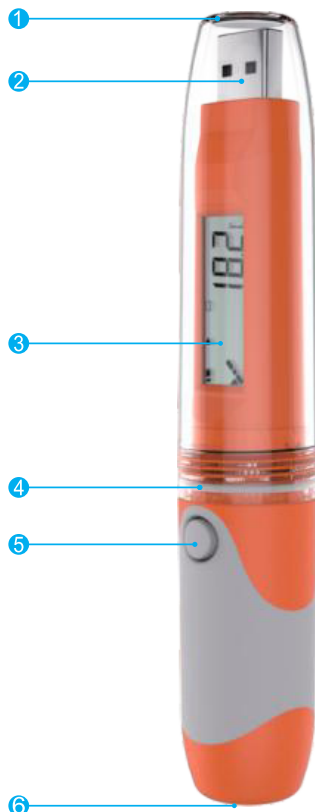
**Report-Auto-Generated**

CTL-L51 temperature and humidity data logger is mainly used in the fields or places of medicine, food, life science, flowers, breeding industry, ice chest, container, dhady cabinet, medical cabinet, refrigerator, laboratory and greenhouse, etc.

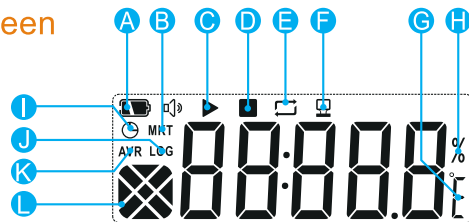
The greatest feature is the CTH-L51 can show up the PDF report including graph and table automatic without install software.

## Features

- LCD and LED alarm indication, clear to view
- Special technology to realize quick response to measured temperature
- Super-long battery life:2 years
- Exquisite structure, high protection grade:IP67



LCD screen



A	Battery indicator	H	Humidity unit or progress percentage
B	Mean kinetic temperature	I	Timing indicator
C	Start recording indicator	J	Average value indicator
D	Stop recording indicator	K	Number of records
E	Cyclic recording indicator	L	Combined indicator
F	Computer connection indicator		
G	Temperature unit(°C/°F)		
1	Transparent cap	5	Button & Bi-color indicator (red & green)
2	USB Port	6	Sensor
3	LCD screen		
4	Seal ring		

## Technical Parameters

<b>Measuring Range</b>	<i>Temperature</i>	-30~70°C
	<i>Humidity</i>	10~95%RH
<b>Resolution</b>		0.1°C, 0.1%RH
<b>Accuracy</b>	<i>Temperature</i>	±0.5°C (-20~40°C), ±1°C (other)
	<i>Humidity</i>	±3%RH (25°C, 20~90%RH), ±5%RH (other)
<b>Storage Temperature</b>		-30°C~+70°C
<b>Protected Class</b>		IP65
<b>Alarm Type</b>	<i>Single</i>	The data logger records the single time for continuous over-temperature events.
	<i>Cumulative</i>	The data logger records the cumulative time for continuous over-temperature events.
<b>Alarm Threshold</b>		3×upper temperature limits \ 2×lower temperature limits
		1×upper humidity limits \ 1×lower humidity limits
<b>Sensor</b>		Build-in Temperature and humidity sensor
<b>Record Capacity</b>		32000 points (max.)
<b>Log Interval</b>		10 seconds ~12 hours
<b>Interface</b>		USB 2.0
<b>Report Type</b>		AI (For MAC), PDF (Auto-Generated), Export excel, ETL files ( by data management software)
<b>Battery</b>		3.6V ER14250 disposable lithium battery
<b>Battery Life</b>		At least 24 months at 25°C with 15 min record interval
<b>Dimension</b>		131(L)×φ24mm
<b>Weight</b>		Approx. 16g

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