

Elitech RC51/51H USB Temperature and Humidity Data Logger



General Description :

Elitech (UK) USB Temperature Data logger RC51/51H is mainly used for temperature recording during storage and ocean/air/highway transportation of foodstuff, medicine, chemicals and other products, especially widely used in all kinds of warehousing, logistics and cold chain, such as refrigerated containers, refrigerated trucks refrigerated package, cold storage, laboratory, etc. or in large-sized global supply chain businesses.

Feature:

Wide measuring range, high accuracy and large permanent data memory Data management software included for working with PC easily Data can be downloaded, analyzed, exported and printed conveniently Over Temperature Alarm & Upper/Lower Limits can be set MAX/MIN values available

1. Generate PDF report automatically.
2. Multiple alarm indication.
3. High waterproof protection grade, wide range of applications.
4. High accuracy sensor with long-term stability property.
5. USB port, plug and play easily.
6. 32000 recording point. After run out, it can be restored by software setting.
7. 2 years' battery life.



. Specifications:

- 1) Temperature measuring range: $-30\text{ }^{\circ}\text{C}\sim+70\text{ }^{\circ}\text{C}$; Resolution: $0.1\text{ }^{\circ}\text{C}$
- 2) Accuracy: $\pm 0.5\text{ }^{\circ}\text{C}$ ($-20\sim+40\text{ }^{\circ}\text{C}$); others, $\pm 1\text{ }^{\circ}\text{C}$
- 3) Temperature unit: $^{\circ}\text{C}$ or $^{\circ}\text{F}$ optional
- 4) Humidity range: $+10\%\text{ RH}$ to $+95\%\text{ RH}$
- 5) Accuracy: $\pm 3\%\text{ RH}$
- 4) Record capacity: 32000 points (MAX)
- 5) Record interval: 10s~24hour adjustable
- 6) Sensor: Internal NTC thermal resistor
- 7) Communication interface: USB interface
- 8) Waterproof grade is IP67
- 9) Power supply: CR2032 battery or power supply via USB interface, and it could upload data even if the battery is out of use
- 10) Battery life: in normal temperature, if the record interval sets as 15 minutes, it could be used above one year
- 11) Item Size: approx. 80 (L) x 34 (W) x 14 (H) mm
- 12) Item Weight: approx. 30 g