HUMIDITY – TEMPERATURE DATA LOGGER

MINI TEMPERATURE AND HUMIDITY DATA LOGGER has internal Temperature & Humidity Sensor, and with optional external temperature sensor, with internal buzzer alarm. If external temperature sensor is connected, temperature measuring will automatically switch to the external temperature sensor. Display Temperature and Humidity , time , over limit alarm, temperature/humidity upper/ lower limit, temperature Max/Min. value in the LCD Screen. It has one CR2450 battery, with the battery compartment at the back, ease of battery replacement: Rotate the battery cover clockwise to remove the battery by a coin, and rotate and tighten the battery cover counter clockwise after battery replacement.

Directly connect with computer for data exchange, easy operation. It could also be powdered by USB cable when connected with PC, and it could upload data even if the battery is out of use. Permanent data storage, data could be read and printed by PC data management software.

This Data Logger is mainly used for Temperature and Humidity recording during storage and 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.

Specifications:

Temperature Measuring range	**-30 ^{o}C … +60°C; For Optional External sensor, -40^{0}C…+85 ^{o}C**
Accuracy	**For -30 ^{o}C … +60°C : +/- 0.6 ^{o}C ; Others: +/- 1.2 ^{o}C**
Temperature Unit	**^{o}C or ^{o}F Optional, set Through RC-4H Data Management Software**
Humidity Measuring Range	**0 … 99% RH**
Humidity Accuracy	**+/- 3% RH (25^{0}C, 20-90%RH), Others,+/-5% RH;**
Resolution	**Temperature: 0.1^{o}C Humidity : 0.1% RG**
Record Capacity	**16000 points (MAX)**
Record Interval	**10 sec ….24 Hrs Adjustable**
Communication Interface	**USB Interface**
Power Supply	**Inner CR2450 battery or Power Supply via USB Interface**
Battery Life	**In Normal Temperature , if the record interval sets as 15 minutes, it could be used above one year**
Product size	**84mm (length) X 44mm (width) X 20 mm (height)**
Software:	**USB cable and Data Management software on CD supplied with the data logger**

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