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# **USB Humidity and Temperature Data Logger**

Model: KC-320D

Operation Manual



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### **Introduction**

KC-320D USB humidity and temperature data logger is designed to record room temperature and humidity of places such as warehouses and computer rooms. The logger automatically keeps tracking temperature and humidity variations daily; and record both readings according to the rate set by users. Working status is displayed by two dichromatic(red and green) LED lights. The portable size and user friendly interface makes it easy to use and install.

### **Features**

- 1、 Recording status displayed by two dichromatic LED lights; Measurement range: temperature: -20°C-70°C; Humidity: 0-100%RH
- 2、 Internal EEROM memory, tracks and records 16300 set temperature/humidity readings for as long as 12 months. The stored data can be stored permanently, for software to download before the software reset.
- 3、 Data transmission via USB link
- 4、 Using the included software, users are allowed to set up alarm threshold, measuring unit, recording rate/timing etc.
- 5、 The device could check the real time after connecting to the computer;
- 6、 The included software also supports data analysis, recorded data can be export into a .txt file for further analysis. Recorded temperature and humidity readings can be displayed in a curve graph which can be printed and archived as well.
- 7、 With the include CD, user can review the environment temperature, relative humidity, dew point, wet bulb temperature, GPP .etc, also have analysis curve lines;

## Technical specification

Product name	USB Humidity and Temperature Data Logger	
Model	KC-320D	
Display Means	Red and green LEDs indication	
Material	ABS engineering plastic housing, safe and reliable	
Temperature	Range	-20°C~70°C (-4°F ~158°F)
	Resolution	0.1 °C
	Precision	20~40. 0°C: ±0.6°C;the rest: ±1. 7°C
Humidity	Range	0-100%RH
	Resolution	0.1%RH
	Precision	±3%RH (20-80%RH); the rest: ±3.5%RH
Date interface	USB 1.0/2.0	
Software	Included	
Power supply	DC3.6V/1200mAh lithium battery	
Working current	<0.5mA	
Recommended usage environment	In places with standard atmospheric pressure and no high power EMF	
Operating temperature	-20°C~70°C (-4°F ~158°F)	
Working humidity	0-100%RH non-condensing	
Storage Condition	-20°C ~ 70°C (-4°F ~158°F), ≤85% (w/o batteries)	
Size	95×28×31mm(bracket accessories included)	
Weight	About 40g (bracket included and battery not included)	