Product Datasheet

Stock No: 2216358, 2216564, 2216565

Temperature and Humidity data logger

EN

CE

1. Specification (T = 25°C unless otherwise noted)

Relative Humidity	Overall Range	0 to 100%
	Accuracy (0 to 20 and 80 to 100%)	±5.0%
	Accuracy (20 to 40 and 60 to 80%)	±3.5%
	Accuracy (40 to 60%)	±3.0%
	Resolution	0.1
Temperature	Overall Range	-30 to60°C(-22 to 140°F)
	Accuracy (-30 to +0°C, -22 to 32°F)	±1°C ±1.8°F
	Accuracy (0 to 60 °C,32 to 140°F)	±0.5°C, ±0.9 °F
	Resolution	0.1
Display condition	-30~60°C	

Type	Data memory	Sample rate
Temperature and Humidity	20010	1min~24h

Remark:
CR2450 battery performance is optimal in room temperature. Battery life cycle will reduce at low temperature (-18°C). If the device is to be used to record in extremely low temperature, it is advised to take measures to reduce power consumption to prolong operation time. An option includes:

• Choose battery that is designed to operate at low temperature
• Disable LED to reduce power consumption
• Set longer sample interval, 5 minutes for example

2-Sample rate & Record time

Sample rate/ mi	Record time/ day	Sample rate/ mi	Record time/ day
1	13.9	8	111.2
2	27.8	9	125.1
3	41.7	10	139.0
4	55.6	15	208.4
5	69.5	20	277.9
6	83.4	25	347.4
7	97.3	27	375.2