

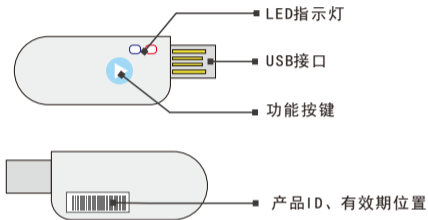
TrekTag®

**USB温（湿）度记录仪
使用说明**



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产品说明



技术参数

使用方式	一次性使用
测温范围	-30°C — 70°C (-4°F — 158°F)
测温精度	0.5°C/0.9°F (典型值)
分辨率	0.1°C
湿度范围	0~99%RH (温湿度版本)
湿度精度	±3%RH (温湿度版本)
数据记录容量	14400 条
货架期/电池	1年 / 3.0v 纽扣电池 (CR2032)
记录时间间隔	1-255分钟, 可配置
记录周期	120天
通讯方式	USB2.0 (U盘读取)
启动方式	手动按键/软件定时
停机方式	计满停止
产品尺寸	59 mm x 20 mm x 6 mm (L x W x H)
产品重量	约12g
防护等级	IP67
精度校准方式	Nvlap NIST (可选)

使用操作

1、配置参数



客户提供配置参数，在生产设备中确认配置参数。

*（工厂配置参数后用户无法更改）

2、开机

长按按键5秒，直到红蓝灯同时点亮，开机成功。



3、读取数据报告



方法一：

将产品插入电脑的 USB 接口，在产品生成的文件盘内查看存储数据报告。

方法二：

在APP内打开读取界面，选择产品ID，即可查看、分享数据报告。

操作及状态说明

状态	操作	指示灯	设备状态
未开机	按键长按5s	红蓝灯常亮3s	启动设备
开机	按键无效	蓝灯间隔2s双闪，有警报红灯间隔2s双闪	启动60分钟内
	按键短按1次	蓝灯间隔2s双闪，持续30s，有警报红灯2s双闪	记录MARK点。
	USB插入电脑	蓝灯连续单闪，红灯状态不变	生成报告
	设备记满	红灯连续单闪	停止记录

注：数据记满 14400 条时，产品自动停止记录

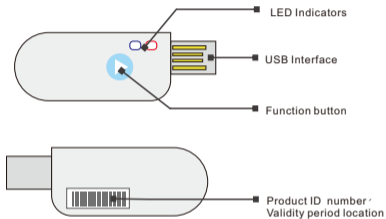
配置参数说明

采样间隔	产品采集并记录一组数据的时间间隔	
采集延时	产品启动后至开始保存数据的等待时间	
温度警戒上(下)限	超出设定温度时产生温度报警	
湿度警戒上(下)限	超出设定湿度时产生湿度报警	
报警类型	单一	产品对连续的超温进行单次计时
	累计	产品对所有的超温进行累积计时
报警延时	温度进入超温区间时，只有超温时长超过报警延时才开始报警	
启动方式	按键启动	需要长按按键5秒，开机启动
启动时间	软件启动模式下产品开机时间	

**USB
Temperature (Humidity)
Data Logger Instructions**



Product display



Technical Parameters

Use mode	Single use
Measuring range	-30°C to 70°C(-4°F to 158°F)
Accuracy	±0.5°C/ 0.9°F (Typical value)
Resolution	0.1°C
Humidity range	0~99%RH (Temperature and humidity version)
Humidity accuracy	±3% (Temperature and humidity version)
Data capacity	14400 Article
Shelf life/battery	1year/3.0v Button Battery (CR2032)
Sampling interval	User configurable(1-225minutes)
Recording period	120Day
Communication Mode	USB2.0 (computer) 、Bluetooth (Cell phone APP)
Product Size	59 mm x 20 mm x 6 mm (L x W x H)
product weight	about 12g
Protection Grade	IP67
Accuracy calibration method	Nvlap NIST (optional)

Instructions

2、 Configuration parameter



The customer provides the configuration parameters and confirms the configuration in the production equipment .

* (User cannot change parameters after factory configuration)

3、 Boot up

Press and hold the button 5s, until the red and blue indicators are on at the same time.



4、 Read data report



Method one:

Insert the product into the USB interface of the computer, and view the stored data report in the file disk generated by the product.

Method Two:

Open the reading interface in the APP, and select the product ID , graphs and reports.

Operation and status description

States	Operation	Indicator light	Device status
Power off	Press and hold the button for 5s	Red and blue lights always on for 3s	The device starts
Power on	Invalid press	The blue light flashes twice every 2s, and the red light flashes twice every 2s when there is an alarm	Start within 60 minutes
	Short pressing the button once	The blue light flashes twice every 2s and lasts for 30s, and the red light flashes twice every 2s when there is an alarm.	Record the MARK point.
	Plug the USB into the computer	Blue light flashes continuously with the red light off	Generate report
	The equipment has no more space for storage	Red light flashes continuously	Stop recording

Note: When the product data is full of 14400 items, the product will automatically stops recording.

Configuration parameter description

Sampling interval	The time interval for the product to collect and record a set of data	
Collection delay	The time from start-up to collecting data	
Temperature warning upper (lower) limit	Raise the temperature alarm when the current temperature reading is out of the set range	
Humidity warning upper (lower) limit	Raise the humidity alarm when the current humidity reading is out of the set range	
Alarm type	single	The product performs a single timing of continuous over-temperature
	Grand total	The product accumulates the timing of all the excess parts
Alarm delay	When the temperature enters the over-temperature zone, only start the alarm when the over-temperature duration exceeds the alarm delay.	
Start method	Key start	Need to long press the button to start up
Start-up Time	Product wake-up time after the logger has been booted up	