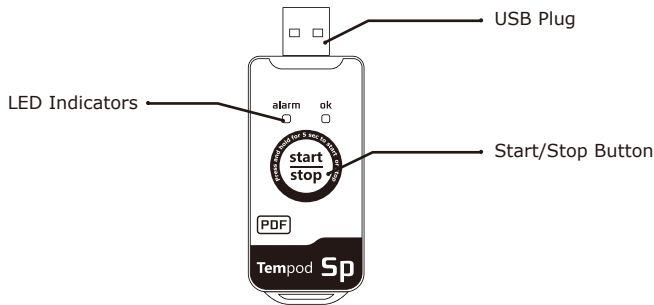


1> Overview



2> Operation Instructions

Configuration

Tempod SP data logger should be configured before starting recording, please connect Tempod SP to PC and configure logger with TempCentre software.

Start Recording

Press **START/STOP** button and hold for 5 seconds to start. LEDs flash in turn for 3 times means data logger successfully starts recording.

Stop Recording

Press **START/STOP** button and hold for 5 seconds to stop recording. LEDs flash for 3 times indicating recording stopped. Logger also would stop recording after running out preset logging cycle.

Download Data

Plug Tempod SP into USB port of PC, then copy PDF report from removable storage device "**TempSenDisk**" to your computer.

You could also download Tempod SP using TempCentre software. Please download TempCentre from www.tempsen.com.

3> LED Indication

Actions	LED Sequences
Start Recording	ALARM & OK flash in turn for 3 times
During Recording -No Alarm-	OK flashes every 10 seconds
During Recording -Alarmed-	ALARM flashes every 10 seconds
Stop Recording	ALARM & OK flash for 3 times
After Stopped -No Alarm-	OK flashes 2 times every 2 seconds
After Stopped -Alarmed-	ALARM flashes 2 times every 2 seconds
Connecting to PC	ALARM & OK become solid ALARM lights off 1 second after connected indicating logger starts to generate PDF report.

4> Battery

Battery Expiry Date (EXP Date) is printed on the rear side of each logger, Tempod SP logger may stop recording if it's used later than EXP Date, so please check EXP Date every time starting a Tempod SP to avoid recording failure.



Please do not configure a Tempod SP if you don't intend to use it immediately, Tempod SP after connected to computer would start to consume power and shorten rated shelf life.

5> Important Information

- To avoid damaging your Tempod SP data logger, please do not disconnect it from USB port while it is communicating with the computer.
- Data stored in Tempod SP data logger is retrievable even battery runs out.
- Tempod SP data logger uses CR2032 lithium battery, please do not heat, microwave or recharge it.
- Please follow local regulations when recycling or disposing of Tempod SP data loggers.

6> Warranty

TempSen warrants this TempSen-branded hardware product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim within the Warranty Period, as its option and to the extent permitted by law, TempSen will either (1) repair the hardware defect at no charge, using new parts or parts equivalent to new in performance and reliability, (2) exchange the new product with a product is new or equivalent to new in performance and reliability and is at least functionally equivalent to the original product, or (3) refund the purchase price of this product. TempSen may request that you replace defective parts with new or refurbished user-installable parts that TempSen provides in fulfillment of its warranty obligation. A replacement product or parts, including a user-installable part that has been installed in accordance with instructions provided by TempSen, assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes TempSen's property. Parts provided by TempSen in fulfillment of its warranty obligation must be used in products for which warranty service is claimed. When a refund is given, the product for which the refund is provided must be returned to TempSen and becomes TempSen's property.

EXCLUSIONS AND LIMITATIONS

This Limited Warranty applies only to the hardware product manufactured by or for TempSen that can be identified by the "TempSen" trademark, trade name, or logo affixed to it. The Limited Warranty does not apply to any non-TempSen hardware product or any software, even if packaged or sold with the TempSen hardware. Manufacturers, suppliers, publishers, other than TempSen, may provide their own warranties to the end user purchaser, but TempSen, in so far as permitted by law, provides their products "as is". Software distributed by TempSen with or without the TempSen brand name (including, but not limited to system software) is not covered under this Limited Warranty. Refer to the licensing agreement accompanying the software for details of your rights with respect to its use.

TempSen does not warrant that the operation of product will be uninterrupted or error-free. TempSen is not responsible for the damage arising from failure to follow instructions relating to the product's use.

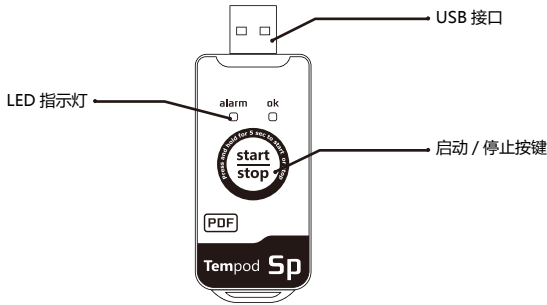
This warranty does not apply: (a) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship; (b) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (c) to damage caused with non-TempSen products; (d) to damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes; (e) to damage caused by operating the product outside the permitted or intended uses described by TempSen; (f) to damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of TempSen or TempSen Authorized Service Provider; (g) to a product or part that has been modified to alter functionality or capability without the written permission of TempSen; or (h) if any TempSen serial number has been removed or defaced.

IMPORTANT: DO NOT OPEN THE HARDWARE PRODUCT. OPENING THE HARDWARE PRODUCT MAY CAUSE DAMAGE THAT IS NOT COVERED BY THIS WARRANTY. ONLY TEMPSEN OR AN AUTHORIZED SERVICE PROVIDER SHOULD PERFORM SERVICE ON THIS HARDWARE PRODUCT.

Please call us at +86 21 6768 5210 or send email to support@tempsen.com for technical assistance.

TEMPSEN

1> 概览



2> 操作说明

参数配置

Tempod SP 温度记录仪在启动记录之前须配置参数，请将设备连接至计算机，通过 TempCentre 软件进行参数配置。

启动记录

长按启动 / 停止按键 5 秒启动记录，此时设备上的两个 LED 指示灯将轮流闪烁 3 次以提示成功启动。

停止记录

长按启动 / 停止按键 5 秒人工停止记录（当记录周期完成时，记录会自动停止），此时设备上的两个 LED 指示灯将同时闪烁 3 次以提示成功停止。

下载数据

Tempod SP 产品可通过复制自动生成的名为“TempSenDisk”盘符中的 PDF 数据报告获取数据，而无需安装任何软件。

同时，您也可以使用 TempCentre 软件下载 Tempod SP 产品所记录的数据。TempCentre 软件可从我们的官网 www.tempsen.com 免费下载。

3> LED 指示灯

动作	LED 响应
启动记录	ALARM 和 OK 轮流闪烁 3 次
记录中 - 无报警 -	OK 每 10 秒闪烁 1 次
记录中 - 报警 -	ALARM 每 10 秒闪烁 1 次
停止记录	ALARM 和 OK 同时闪烁 3 次
停止后 - 无报警 -	OK 每 2 秒快闪 2 次
停止后 - 报警 -	ALARM 每 2 秒快闪 2 次
连接计算机	ALARM 和 OK 同时点亮 ALARM 1 秒后熄灭以提示 PDF 数据报告正在生成中，待报告生成后重新点亮，请耐心等待。

4> 电池

电池过期日期打印于每个产品的背面，如在过期日期之后使用 Tempod SP 产品，其可能无法启动或出现记录中断现象，为避免此类事件的发生，固在使用 Tempod SP 产品前请务必检查过期日期。



如您暂未计划使用 Tempod SP 产品，请勿将其连接至计算机 USB 接口或对其进行配置。连接过计算机或配置过的 Tempod SP 产品将开始耗电且货架期将缩短。

5> 重要信息

- 当 Tempod SP 产品与计算机通讯时，请勿断开连接，以免对 Tempod SP 产品造成损坏。
- 即使电池耗尽，存储于 Tempod SP 产品中的数据仍可随时恢复读取。
- Tempod SP 产品使用 CR2032 锂电池，请勿直接或微波加热，或对其充电。
- 请遵照当地法规回收或处理废弃的 Tempod SP 产品。

6> 质保

腾森电子承诺产品至销售之日起保质期为壹年，在保质期内由于产品本身部件或工艺质量缺陷引起的问题，请及时通知我们，我们会视具体情况提供如下方式中的其中一种处理方式。

- 1) 免费维修或者部件替换
- 2) 免费整机替换
- 3) 退款处理（退款处理的产品必须返还至腾森电子）

责任免除和限制条款

本保修条款仅适用于由腾森电子制造的或冠以“TempSen”商标的硬件产品。任何非腾森电子的硬件或软件将不适用于本保修条款，即使这些产品将会和腾森电子制造的硬件一起包装出售。其他硬件供应商会提供自己的保修条款给最终用户，由腾森电子提供的软件（腾森电子旗下软件或其他供应商的软件）不适用于本保修条款，详情参考软件所附许可协议细节。

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- (a) 消耗型配件，如电池，除非损坏是由于材料或工艺缺陷造成；
- (b) 表面的损伤，包括但不限于划伤、凹痕等；
- (c) 非腾森电子产品所造成的损坏；
- (d) 因不正当操作、洪水、火灾、地震或其他外部因素导致的损坏；
- (e) 超产品技术指标范围操作设备导致的损坏；
- (f) 因非腾森电子或非腾森电子授权的维修服务供应商维修或升级产品时造成的损坏；
- (g) 产品或部件在未经腾森电子书面许可的前提下被修改；
- (h) 序列号被撕掉或磨损且已无法辨认的产品。

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请致电我们 +86 21 6768 5210 或发送邮件至 support@tempsen.com 获取相关技术支持。

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