

多国语言说明书

Multilingual specification

EliTag Alert

目录 Directory

1. 中文说明书	01
----------------	----

安全说明及注意事项

1、安全说明

为确保您正确安装使用本产品，请认真阅读并严格遵守以下条款：

电池	▲ 请使用原装或符合技术参数的电池，不可使用不符合产品参数的电池，以防损害设备或引起其他故障电池 ▲ 不可私拆、挤压、击打、加热电池，也不可将电池置于火中，不然可能引起电池爆炸，引发火灾
外接电源	▲ 需要外部供电时，请使用本设备配置的电源适配器，不可使用其他不符外接技术规格的电源适配器，否则可能损坏仪器设备，甚至导致引起火灾电源 ▲ 如果长期不使用设备，应切断外部电源，防止烧毁设备、引起火灾，并每月给设备做一次充放电维护，保持锂电池的活性
设备	▲ 在易燃、易爆气体环境中，谨慎使用该设备，否则可能引起爆炸、火灾设备 ▲ 使用设备过程中，如果设备发出烧焦等异味，应立刻切断设备电源，并及时联系厂家或供应商

2、注意事项

- 设备若长期不使用，应取下存放在包装盒内并存放于干燥、阴凉的环境中。
- 用户不可对本设备做任何未经许可的更改。任何未经许可的更改都可能影响设备的精度、甚至损坏本设备
- 不要将设备置于恶劣环境使用，以免雨水、雷电等恶劣天气导致仪器短路、烧毁等故障。
- 当记录仪处于离线状态时(无数据上传),请确认设备的联网状态；
- 请在记录仪测量范围内使用
- 请误将外置探头直接放置于液体环境中，以免设备损坏
- 请勿用力冲击本记录仪
- 记录仪各测量值可能会受如下因素影响：

温度误差：

- 放置在测量环境中稳定时间太短；
- 靠近热源、冷源或直接处于水淋状态下；

湿度误差：

- 放置在测量环境中稳定时间太短；
- 长期处于蒸汽、水雾、水帘或冷凝环境中；

污染

- 处于粉尘或其他污染环境

一、产品概述及外观

EliTag Alert是一款智能近场通信（NFC）电子温度指示器，具备长达三年的电池续航能力和最多四路可编程警报功能，并配套移动应用，帮助收货方清晰判断是否接收货物。此外，收货方可通过 支持NFC功能的智能手机轻松扫描送达的产品。质量团队可通过移动应用接收警报汇总数据，凭借准确的温度数据和运输统计信息快速解答相关疑问。该设备用途广泛，适用于临床试验试剂盒、医疗设备运输及仓储、疫苗运输，以及向药店、医院、诊所或患者家中的最后一公里配送场景。



Smb版本屏幕（测量结果无报警显示√，测量结果有报警显示×）

Let版本屏幕（测量结果无报警显示OK，测量结果有报警显示NG）

二、产品参数

产品型号	EliTag Alert
探头类型	内置式温度传感器
温度测量范围	-30℃ ~ 55℃
温度测量精度	±0.5℃
分辨率	0.1℃
存储容量/条	30000条，计满停止
电池类型	内置3.0V纽扣电池（CR2450）
货架期	4年
电池续航	3年（30min记录间隔）
通讯方式	NFC
防护等级	IP65
产品尺寸	53*45*11.3mm
产品重量	27g（不同配置，重量也略有差异）
工作环境	-30℃ ~ 55℃
物理按键	START/STOP按键
安装方法	3M背胶
可选配件	行程卡（单独包装）

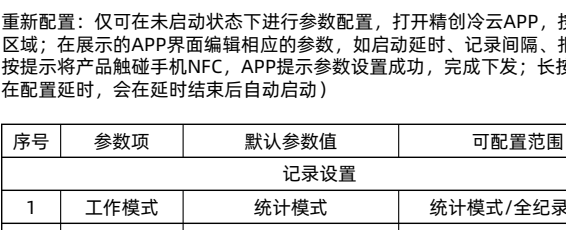
三、操作说明

下图展示了同时显示所有屏幕图标AliTag Alert温度指示器，以及产品标签上的辅助信息和导航信息。此显示图并非设备在使用环境中的实际状态（更多信息见后续章节）



分步使用指南

启动前，屏幕只展示“▶■”图标，表示设备已通电并准备启动。
使用出厂默认配置，长按产品按键5秒后，设备启动记录（在配置延时时间时，会在延时结束后自动启动）



重新配置：仅可在未启动状态下进行参数配置，打开精创冷云APP，按照提示将产品靠近手机NFC感应区域；在展示的APP界面编辑相应的参数，如启动延时、记录间隔、报警参数等，然后点击设置，再次按提示将产品触碰手机NFC，APP提示参数设置成功，完成下发；长按产品按键5秒后，设备启动记录（在配置延时时，会在延时结束后自动启动）

序号	参数项	默认参数值	可配置范围
记录设置			
1	工作模式	统计模式	统计模式/全纪录模式
2	记录间隔	30分钟	最大23小时59分钟
3	启动延迟	30分钟	最大999小时
4	温度单位	℃	℃/°F
5	按键停止	关闭	禁止/允许
6	存储容量	7000	

7	警报1	下限 2.0℃ 0延时 单一	1.是否启用报警：1~4； 2.报警类型：单一/累计（最大999小时） 3.温度阈值上限/下限触发（范围-30℃~55℃）
8	警报2	上限 8.0℃ 0延时 单一	
9	警报3	关闭	
10	警报4	关闭	

报警设置 报警1 关闭 报警类型 单一 累积时间 0d 0h 0m 温度阈值 上限 -20.0℃ 记录设置 工作模式 统计模式 记录间隔 00h01m 启动延迟 0d 0h 0m 温度单位 ℃ 按键停止 禁止

停止记录
在按键停止功能开启的情况下，在产品处于记录状态下，长按按键5秒，停止记录；在全记录模式下，数据条数计满30000条，自动进入停止状态；统计模式下，计满7000条自动停止

读取数据

在任一状态下，可通过精创冷云APP查看设备信息和统计数据、记录数据；
备注：统计数据需要设备已启动后，才可展示；全记录模式下，记录数据为开启后按记录间隔记录的数据，统计模式下，记录数据为告警产生后的超限数据



状态描述：

(1) 未启动状态:产品已配置参数，但还未启动



(2) 延时启动状态:产品已启动，但配置有延时启动参数，处于延迟启动状态，屏幕展示开始“▶”和“⌄”图标；



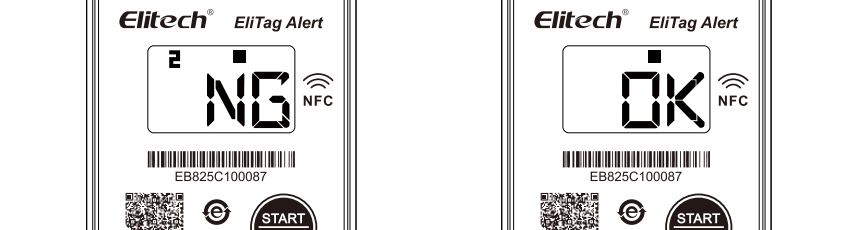
(3) 无报警状态:产品已启动，处于工作状态，但未产生超限，屏幕展示开始“▶”和“OK”或者“√”图标；



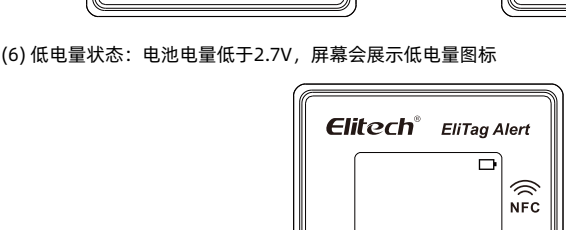
(4) 报警状态:产品已启动，处于工作状态，已产生超限，屏幕展示对应超限标号（1、2、3或者4），展示开始“▶”和“NG”或者“×”图标；



(5) 停止状态：产品已手动停止或者记录数据满（全记录模式下，计满30000条；统计模式下，计满7000条自动停止）自动停止，屏幕展示“■”和相应报警信息（如果停止前存在）；



(6) 低电量状态：电池电量低于2.7V，屏幕会展示低电量图标



四、保修及售后服务

产品质保：1年

本产品自购买之日起7日内因性能故障，可以选择退货、更换或维修。保修期自购买之日起一年(以有效购买凭证为准),在保修期间，凡属于正常使用情况下产品本身质量问题引起的故障，将予以免费维修。维修产品的邮寄费用由发送方向承担。

符合以下情形之一则不在售后保障范围内：

- 1.因不可抗力造成损坏的，如地震、火灾、洪水、台风等；
- 2.消费者因使用、维护、保管不当等人为因素造成损坏的；
- 3.非精创服务人员或授权服务商检修、拆卸等造成损坏的；
- 4.超出保修期限和保修范围；
- 5.产品自然磨损，消耗及老化等(如外壳、线缆等)。

Safety Instructions and Precautions

1. Safety Instructions

To ensure proper installation and use of this product, please read and strictly follow the following terms:

Battery	▲ Use original batteries or those that meet technical specifications. Do not use batteries that do not match the product parameters, as this may damage the device or cause other malfunctions. ▲ Do not disassemble, squeeze, strike, heat the battery, or expose it to fire, as this may cause the battery to explode and trigger a fire.
External Power Supply	▲ When external power is required, use the power adapter configured with this device. Do not use other adapters that do not meet technical specifications, as this may damage the device or even cause a fire. ▲ If the device is not used for a long time, disconnect the external power supply to prevent device burnout or fire. Additionally, perform charge-discharge maintenance once a month to maintain the activity of the lithium battery.
Device	▲ In flammable or explosive gas environments, use the device in compliance with regulatory requirements; otherwise, it may cause an explosion or fire. ▲ If the device emits a burning smell or other unusual odors during use, immediately cut off its power supply and contact the manufacturer or supplier promptly.

2. Precautions

- If the device is not used for a long time, remove it, store it in its original packaging, and keep it in a dry, cool environment.
- Users must not make any unauthorized modifications to the device. Such modifications may affect its accuracy or even damage it.
- Do not use the device in harsh environments, as adverse weather (e.g., rain, thunderstorms) may cause malfunctions like short circuits or burnout.
- When the recorder is offline (no data upload), check the device's network connection status.
- Use the recorder within its measurement range.
- Do not place the external probe directly in a liquid environment, as this may damage the device.
- Do not subject the recorder to strong impacts.
- The recorder's measurement values may be affected by the following factors:

Temperature error:

- Insufficient stabilization time in the measurement environment.
- Proximity to heat sources, cold sources, or direct exposure to water.

Humidity error:

- Insufficient stabilization time in the measurement environment.
- Long-term exposure to steam, water mist, water curtains, or condensation environments.

Contamination

- Being in a dusty or other polluted environment.

1. Product Overview and Appearance

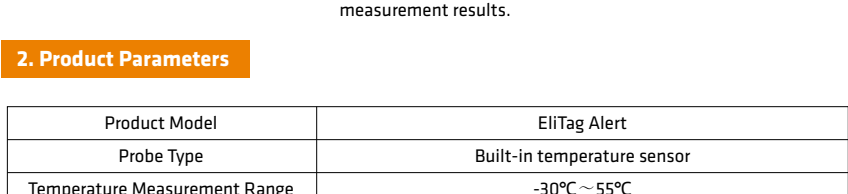
EliTag Alert is an intelligent Near Field Communication (NFC) electronic temperature indicator with a battery life of up to three years and support for up to four programmable alarms. It is accompanied by a mobile app to help receivers clearly determine whether to accept the shipment. In addition, receivers can easily scan the delivered products using an NFC-enabled smartphone. Quality teams can receive summary alarm data via the mobile app and quickly answer related questions based on accurate temperature data and transportation statistics. The device is versatile and suitable for clinical trial kits, transportation and storage of medical devices, vaccine transportation, and last-mile delivery to pharmacies, hospitals, clinics, or patients' homes.



① START/STOP Button	③ Product Model
② LCD Screen	④ NFC Reading Sensor Area



Smb Version Screen: Displays "√" for no alarm in measurement results; displays "x" for alarm in measurement results.



Let Version Screen: Displays "OK" for no alarm in measurement results; displays "NG" for alarm in measurement results.

2. Product Parameters

Product Model	EliTag Alert
Probe Type	Built-in temperature sensor
Temperature Measurement Range	-30°C ~ 55°C
Temperature Measurement Accuracy	±0.5°C
Resolution	0.1°C
Storage Capacity	30,000 records (stops when full)
Battery Type	Built-in 3.0V button battery (CR2450)
Shelf Life	4 years
Battery Life	3 years (30-minute recording interval)
Communication Method	NFC
Protection Class	IP65
Product Dimensions	53*45*11.3mm
Product Weight	27g (weight may vary slightly with different configurations)
Operating Environment	-30°C ~ 55°C
Physical Buttons	START/STOP button
Installation Method	3M adhesive tape
Optional Accessories	Trip card (packaged separately)

3. Operation Instructions

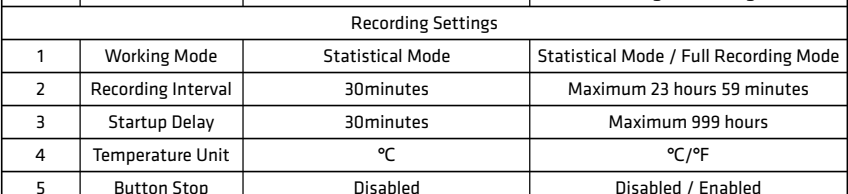
The figure below shows the EliTag Alert temperature indicator displaying all screen icons simultaneously, along with auxiliary information and navigation information on the product label. This display diagram does not represent the actual state of the device in the usage environment (see subsequent chapters for more information).



Step-by-Step User Guide

Before startup, the screen only displays the "■▶" icon, indicating that the device is powered on and ready to start.

Using Factory Default Configuration: Press and hold the product button for 5 seconds to start recording (if a delay time is configured, recording will start automatically after the delay ends).



Reconfiguration: Parameter configuration can only be performed in the unstarted state. Open the Jingchuang Lengyun APP, follow the prompts to bring the product close to the smartphone's NFC sensing area; edit the corresponding parameters on the displayed APP interface, such as startup delay, recording interval, alarm parameters, etc., then click "Set". Follow the prompts again to touch the product to the smartphone's NFC, and the APP will prompt that parameter setting is successful and the configuration is delivered. Press and hold the product button for 5 seconds to start recording (if a delay is configured, recording will start automatically after the delay ends).

Configurable Parameters Table

Serial No	Parameter Item	Default Value	Configurable Range
Recording Settings			
1	Working Mode	Statistical Mode	Statistical Mode / Full Recording Mode
2	Recording Interval	30minutes	Maximum 23 hours 59 minutes
3	Startup Delay	30minutes	Maximum 999 hours
4	Temperature Unit	°C	°C/°F
5	Button Stop	Disabled	Disabled / Enabled
6	Storage Capacity	7000	

Alarm Settings			
7	Alarm 1	Lower Limit 2.0°C, 0 Delay, Single	1. Enable Alarm: 1~4; 2. Alarm Type: Single / Cumulative (maximum 999 hours); 3. Upper/Lower Temperature Threshold Trigger (range: -30°C ~ 55°C)
8	Alarm 2	Upper Limit 8.0°C, 0 Delay, Single	
9	Alarm 3	Disabled	
10	Alarm 4	Disabled	

Alarm Settings

Alarm1

Open >

Alarm Mode

Single >

Cumulative time

0d 0h 0m >

Temperature threshold

Lower limit 2.0°C >

Logging Settings

Operating Status

Statistical model >

Logging interval

00h30m >

Start delay

0d 0h 30m >

Temperature Unit

°C >

Stop by button

Disable >

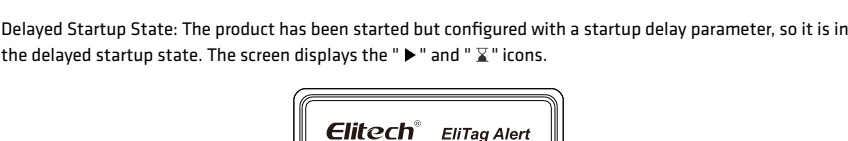
Stopping Recording
When the Button Stop function is enabled, press and hold the button for 5 seconds while the product is in recording state to stop recording.
In Full Recording Mode, the device will automatically stop when the number of recorded data reaches 30,000.
In Statistical Mode, the device will automatically stop when the number of recorded data reaches 7,000.

Reading Data
In any state, you can view device information, statistical data, and recorded data through the Jingchuang Lengyun APP.
Note: Statistical data can only be displayed after the device is started. In Full Recording Mode, recorded data are those captured at the set recording interval after startup. In Statistical Mode, recorded data are the exceedance data generated after an alarm is triggered.



Status Description

(1) Unstarted State: The product has been configured with parameters but not yet started.



Delayed Startup State: The product has been started but configured with a startup delay parameter, so it is in the delayed startup state. The screen displays the "▶" and "⌄" icons.



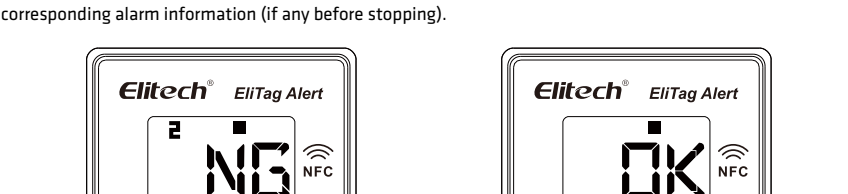
No Alarm State: The product has been started and is in working state with no exceedances. The screen displays the "▶" icon along with "OK" or "√".



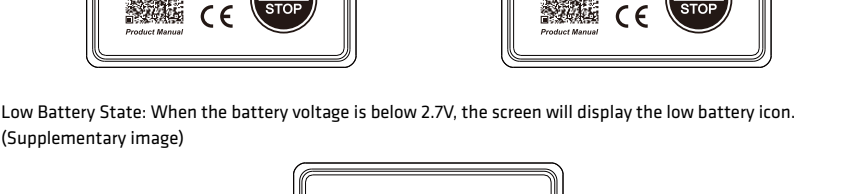
Alarm State: The product has been started and is in working state with exceedances. The screen displays the corresponding exceedance number (1, 2, 3, or 4), along with the "▶" icon and "NG" or "x".



Stopped State: The product has been manually stopped or automatically stopped when the recorded data is full (30,000 records in Full Recording Mode; 7,000 records in Statistical Mode). The screen displays "■" and corresponding alarm information (if any before stopping).



Low Battery State: When the battery voltage is below 2.7V, the screen will display the low battery icon. (Supplementary image)



4. Warranty and After-Sales Service

Product Warranty Period: 1 Year
Within 7 days from the date of purchase, if the product has performance failures, you may choose to return, replace or repair it. The warranty period is one year from the date of purchase (subject to valid purchase proof). During the warranty period, free repair will be provided for failures caused by product quality issues of the device itself under normal use conditions. The shipping cost for returning the product for repair shall be borne solely by the sender.
After-sales Service Contact: globalsevice@e-elitech.com

The following circumstances are not covered by the after-sales warranty:
1.Damage caused by force majeure, such as earthquake, fire, flood, typhoon, etc.;
2.Damage caused by human factors such as improper use, maintenance or storage by the consumer;
3.Damage caused by inspection, disassembly or other operations performed by non-Elitech service personnel or unauthorized service providers;
4.Beyond the warranty period and scope;
Natural wear, tear and aging of the product (such as housing, cables, etc.).