

精创[®] 股份
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Elitech[®]

Multilingual Product Manual

EliTag Series

Safety Instructions and Precautions

1. Safety Instructions

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

Battery	<ul style="list-style-type: none"> ▲ Please use the original battery or a battery that meets the technical parameters. Do not use batteries that do not conform to the product parameters, to avoid damaging the device or causing other faults. ▲ Do not disassemble, squeeze, strike, heat the battery, or put the battery in fire; otherwise, it may cause the battery to explode and trigger a fire.
External Power Supply	<ul style="list-style-type: none"> ▲ When external power supply is required, please use the power adapter configured with this device. Do not use other power adapters that do not meet the technical specifications; otherwise, it may damage the equipment or even cause a fire. ▲ If the device is not used for a long time, the external power supply should be cut off to prevent the device from being burned or causing a fire. In addition, charge and discharge the device once a month to maintain the activity of the lithium battery.
Device	<ul style="list-style-type: none"> ▲ Use this device with caution in flammable and explosive gas environments; otherwise, it may cause explosions or fires. ▲ During the use of the device, if it emits a burning smell or other unusual odors, immediately cut off the power supply of the device and contact the manufacturer or supplier in a timely manner.

2. Precautions

- If the device is not used for a long time, the external power supply should be cut off to prevent the device from being burned or causing a fire. In addition, charge and discharge the device once a month to maintain the activity of the lithium battery.
- Use this device with caution in flammable and explosive gas environments; otherwise, it may cause explosions or fires.
- During the use of the device, if it emits a burning smell or other unusual odors, immediately cut off the power supply of the device and contact the manufacturer or supplier in a timely manner.
- If the device is not to be used for a long period, it should be removed and stored in its original packaging, and kept in a dry and cool environment.
- Users are not allowed to make any unauthorized modifications to this device. Any unauthorized modifications may affect the accuracy of the device or even damage it.
- Do not use the device in harsh environments, as severe weather such as rain and thunderstorms may cause faults like short circuits or burnout of the instrument.
- When the logger is offline (no data upload), please check the device's network connection status.
- Please use the logger within its measurement range.
- Do not place the external probe directly in a liquid environment to avoid damaging the device.
- Do not subject this logger to strong impacts.

The measured values of the logger may be affected by the following factors:

- The stabilization time in the measurement environment is too short;
- Being close to heat sources, cold sources, or directly exposed to water splashing.

Humidity Error:

- The stabilization time in the measurement environment is too short;
- Long-term exposure to steam, water mist, water curtain, or condensation environments;

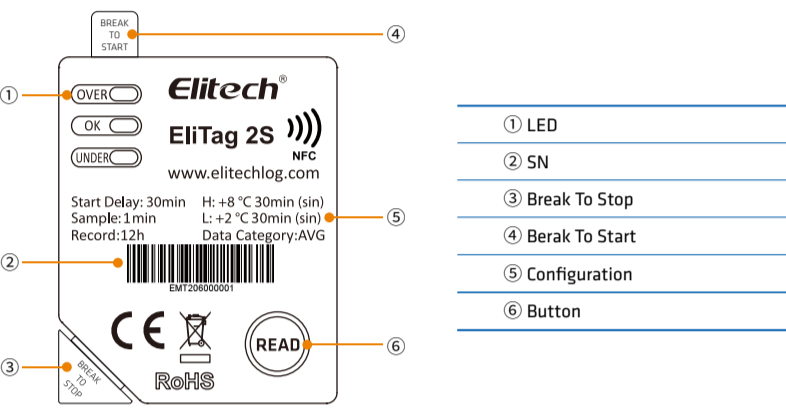
Pollution

- Being in a dusty or other polluted environment.

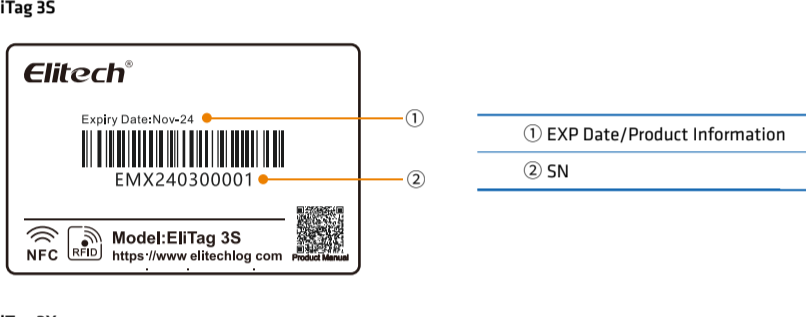
1. Product Overview and Appearance

EliTag series digital temperature tag is an ultra-thin digital temperature tag with RFID function. Standard built-in single temperature sensor, 3m adhesive design, can be easily pasted on the surface of the monitor, is the smallest unit packaging temperature monitoring solution product. With hard shell version, flexographic version, large area and other types. With its own RFID radio frequency function, it can easily read data from mobile phones, RFID PDA, RFID fixed readers, and generate PDF reports through the Jingchuang Cold Cloud APP. Widely used in food and drug storage and transportation, such as refrigerated boxes, refrigerated trucks, containers and other scenarios.

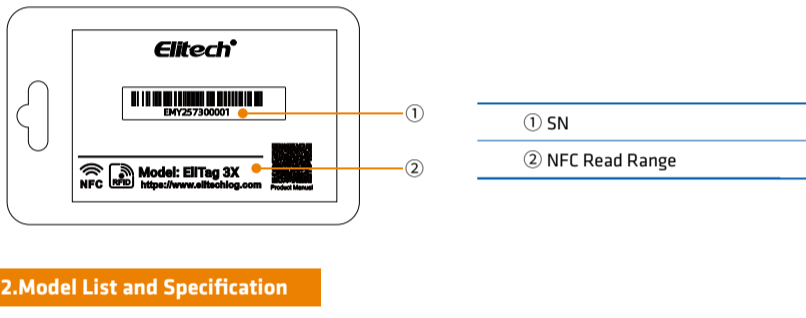
EliTag 2S



EliTag 3S



EliTag 3X



2. Model List and Specification

Product selection

Product Model	EliTag 2S	EliTag 3S	EliTag 3X
Configuration	T		
Probe Type	Built-in temperature		
Temperature Range	-30 °C ~ 60 °C	-30°C ~ 50°C	
Temperature Accuracy	±0.5°C (-20 °C ~ 40°C) ±1°C (others) ;	±0.5°C (-40°C ~ 85°C) ±1°C (others)	
Temperature Resolution	0.1°C	0.1°C	

Technical parameters

Product Model	EliTag 2S	EliTag 3S	EliTag 3X
Memory Capacity	3840	4864	
Battery type	CR2032	1.5V Paper Battery	CR1620
Shelf Life	2 Years		
Battery Life	3 years (1 min recording interval, 25°C environment, LED disabled)	90 days (30 mins recording interval, 25°C environment)	
Communication module/mode	NFC	NFC、RFID	
Protection Class	IP54	IP65	IP67
Dimension (H*L*W)	40*57*5.5mm	82.8*54.2*1.4mm	
Weight(g)	10g	3.9g	6.2g
Working environment	-30°C ~ 60 °C	-30°C ~ 50°C	
Button	State	/	
Alarm method	LED	/	
Installation Method	3M Adhesive Backing		
Software	Elitech iCold APP		

3. Operation Instructions

1. Software Installation

Use a mobile browser to scan the QR code or download and install "Jingchuang Lengyun" (hereinafter referred to as the APP) through the mobile app store. Open the APP and register a new account and log in according to the prompts.



2. Parameter Settings

Click the navigation button in the upper left corner of the APP, select "Digital Temperature Tag", choose the corresponding model, then bring the NFC area of the mobile phone close to the tag to enter the configuration interface (the mobile phone's NFC function must be enabled). Set parameters according to the on-screen prompts and automatically synchronize the time (for model 2S, you need to click the configuration icon in the upper right corner to enter the configuration interface). Click the "Save" button to save the parameters.

▲ Note:

Parameters can only be set when the device is not recording; no modifications are allowed once recording starts.

3. Start Recording

The device will automatically start recording after receiving new parameters (for model 2S, break the rectangular circuit board marked "BREAK TO START" on the edge of the device; the green LED light will flash 5 times to indicate successful activation).

4. Stop Recording

The device will automatically stop when the recording is full, or you can stop it manually via the APP (for model 2S, break the triangular circuit board marked "BREAK TO STOP" on the edge of the device; the red LED light will flash 5 times to indicate that recording has stopped).

5. View and Export Data

Click the navigation button in the upper left corner of the APP, select "Digital Temperature Tag", choose the corresponding model, then bring the NFC area of the mobile phone close to the tag to view the data. Click the button in the upper right corner to export it as a PDF file.

6. Bulk Device Operations

If products such as EliPDA or EliWatch are used, bulk operations (configuration/reading/starting/stopping/exporting) can be performed on digital temperature tags with RFID UHF function, i.e., EliTag 3S/3X series products. For specific operations, please contact the official technical support team.

The following is only applicable to 2S products.

Status / Action	Indicator	Remarks
Break To Start	Green flash 5 times	
Break To Stop	Red flash 5 times	
Start Delay/ Button	Green flash 1 time	Blinking every 10 seconds
Recording/ Button	Green (or Red or Blue) flash 1 time	Alarm: Over upper limit red light flash; over lower limit blue light flash. No Alarm: Green light flash.
Stop Recording/ Button	Green (or Red or Blue) flash 2 time	
Button	No indicator	Device Failure

▲ Note:

If the LED blinking cycle is set to no blinking, the LED can only be triggered via the button.

4. Packing List

Product *N (The quantity is determined by the purchase quantity), Certificate of Conformity*1 (only for products in China), Instruction Manual (electronic version)

▲ Note:

There is only 1 Certificate of Conformity in a single packaging box.

5. Warranty and After-sales Service

Product Warranty: 1 year

If this product has a performance failure within 7 days from the date of purchase, 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, any failure caused by the product's own quality issues under normal use conditions will be repaired free of charge.

The shipping cost for the product to be repaired shall be borne solely by the sender.

The following circumstances are not covered by the after-sales protection:

- Damage caused by force majeure, such as earthquakes, fires, floods, typhoons, etc.;
- Damage caused by human factors such as improper use, maintenance, or storage by consumers;
- Damage caused by inspection, disassembly, etc. by non-jingchuang service personnel or unauthorized service providers;
- Beyond the warranty period and warranty scope;
- Natural wear and tear, consumption, and aging of the product (such as housing, cables, etc.).