



SINGLE-USE TEMPERATURE DATA LOGGER

USER MANUAL

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1. Intended Use & Important Information

The ZTAGPRO-EUS is an easy-to-use data logger that records all relevant temperature data during use. Users can read this information as complete, detailed PDF or CSV reports without any additional hardware or software.

The ZTAGPRO-EUS can be used in a variety of applications requiring temperature monitoring and recording.

This data logger comes with a default configuration and is ready to use out of the box. Users can also configure it further using the free configuration software, LoggerAnalysis.

Quick Start Guide & Important Information:

The ZTAGPRO-EUS is a disposable data logger. Therefore, once the device stops operating, it cannot be restarted. The device is not rechargeable, but it can obtain sufficient power via a USB connection to allow data to be read even after the expiration date.

In its default configuration and stored in the optimal storage environment (room temperature), the logger can operate for up to 180 days. During operation, it measures the temperature every 1min-24hours optional, ranging from -30°C to +70°C (-22°F to 158°F).

Users can also optionally configure the ZTAGPRO-EUS using the LoggerAnalysis configuration software before starting the logger.

For optional configuration, the data logger packaging must be opened first; each unit of this model includes an additional food-grade resealable bag. After configuration, the logger can be placed back into the bag to maintain its protective rating.

The logger's start, stop, running status, and status information are displayed via built-in LED indicators for quick and intuitive device status assessment.

When the data logger stops running and is connected to a computer via USB, a complete data report is automatically generated.

The expiration date of each device is printed on the label on the back. It is recommended to use the data logger as early as possible and ensure that it is used within its validity period.

2. Disposal Instructions

The ZTAGPRO-EUS contains a built-in CR2032 lithium metal button battery, which is part of the electronic components and raw materials. Therefore, this data logger must be disposed of by a professional waste disposal or recycling service when it is no longer in use.

3.Equipment Information

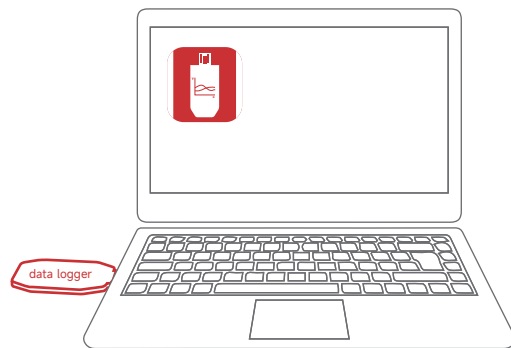


Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C, 5 minutes logging interval
Sensor Type	TI
Operation Temperature	-30°C~70°C
Measurement Accuracy	±0.5°C
Resolution	0.1°C
Memory Space	Up to 24420 data points
Logging Interval	1 minute -24 hours optional (Default 5 minutes)
Start Delay	0 minute -24 hours optional (Default 15 minutes)
Buttons	Two, Start and Stop
Start Mode	Manual start
Alarm Limit	Up to 4 individually programmable alarm limits
Report Format	PDF/CSV/PDF&CSV optional (Default PDF&CSV)
Configuration	Web
IP Grade	IP67
Battery Type	3.0V CR2032
Connection	USB2.0
Certification	CE, EN12830:2018, RoHS

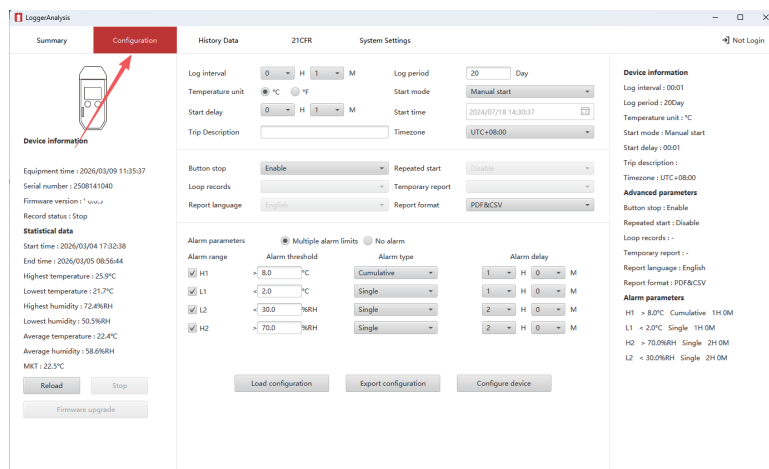
4.Configuration software

The ZTAGPRO-EU can be configured and evaluated via the LoggerAnalysis host computer software. This platform allows users to adjust all settings to suit their application scenarios and provides comprehensive logging data archiving and processing capabilities.

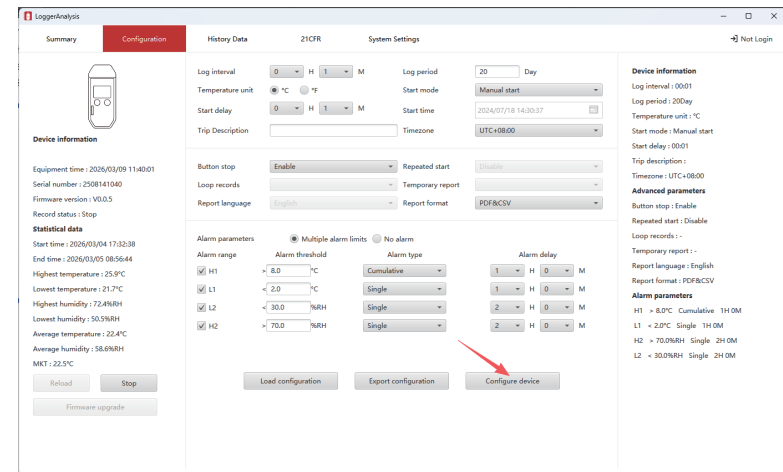
- Download and install the LoggerAnalysis software, then plug the device into the computer's USB port.



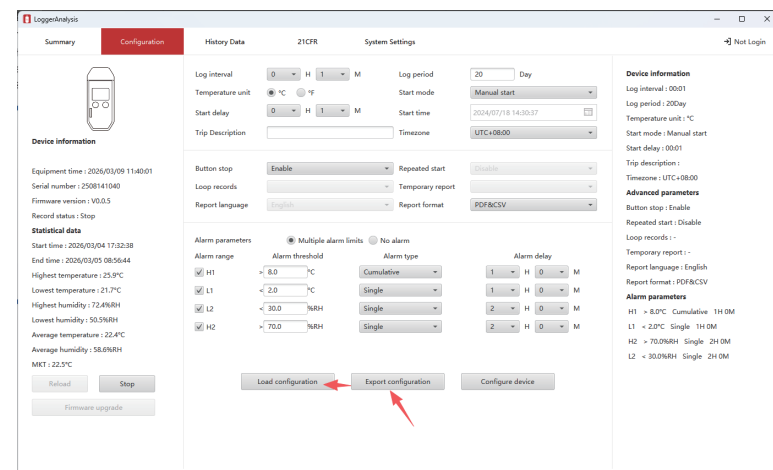
- Open the software, click on configuration, and set the parameters as needed on the configuration page.



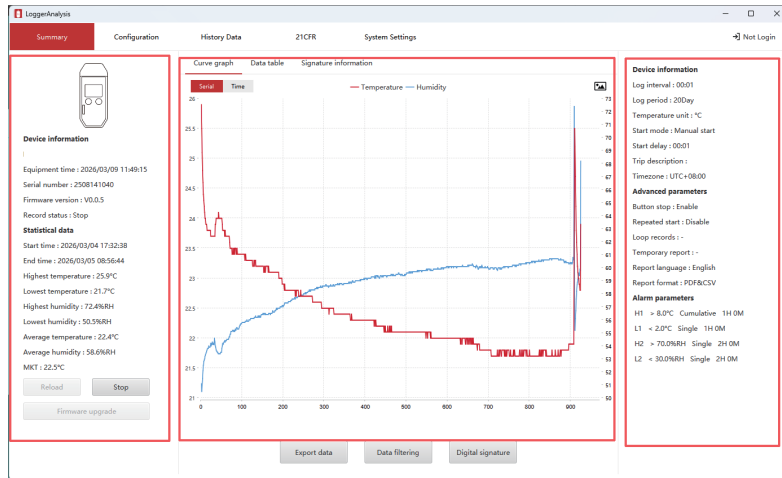
- After setting the parameters, click "Configure" to complete the configuration.



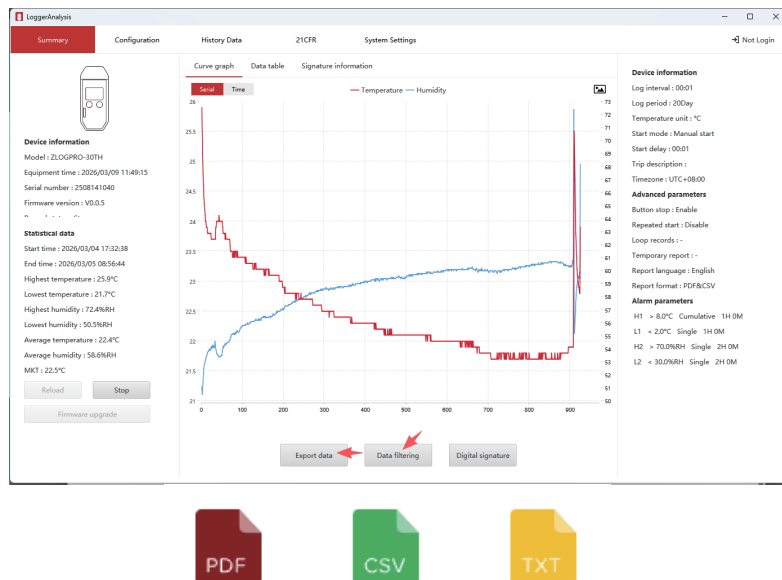
- Export Configuration: Allows you to export the configuration file with currently configured parameters.
Load Configuration: Allows you to open exported and saved configuration files for convenient and quick configuration.



- The overview page displays current device information and statistical parameters, currently recorded data curves, and the device's current configuration parameters.



- Data Filtering: Select a time period for data export.
Export Report: Export data reports as PDF, CSV, or TXT documents.



5. Operating Instructions

ACTIVATION

Press and hold the START button for 3 seconds.

- Green light will flash during this long press
- Then, green light remains on for 1.5 seconds after a successful startup

START Delay (Optional Factory Pre-Set)

After you start successfully, during the START Delay process, the device will not respond to any button presses. After the START Delay is over, the device starts recording temperature data and the LED light starts flashing every 10 seconds.

OPERATION

While in recording state,

- ✓ Normal temperature — Green light will flash once every 10 seconds
- ✗ Out of temperature — Red light will flash once every 10 seconds

STOP RECORDING

OPTION 1- Press and hold the STOP button for 3 seconds.

- Stopping the logger using this method, the Red light will keep flashing, once you stop it success the Red light will keep on for 1.5 seconds

OPTION 2- Insert the logger into a computer USB port

Following STOP logger will flash every 10 seconds according to its recorded result

- Green for Positive/OK
- Red for Negative/Alarm/Out of Temp Range Warning

DOWNLOAD REPORT

- Plug logger into a computer USB port.
- Green light will flash continuously during the report generation process.
- Red light on will indicate successful report generation.
- An UDISK removable disk icon will appear on the computer screen.

After generating a report, logger can no longer record data and will only read the report stored in it.

Shadow Data Instructions:

From the factory until the product is first activated, shadow data is automatically recorded. Once the device is started using the button, the shadow data will be cleared.

During use, if the device is accidentally stopped, recording will continue. Press and hold the START and STOP buttons simultaneously until the red and green LEDs flash alternately. Then connect the device to a computer to download the complete data report.

6.FAQ – Frequently Asked Questions

Q: How can I restart the ZTAGPRO-EUS?

A: As a single-use device this data logger cannot be started again once it has been stopped; recorded data can always be accessed via USB connection.

Q: The data logger was accidentally stopped, what can be done?

A: Press and hold the START and STOP buttons simultaneously until the red and green LEDs flash alternately. Then connect the device to a computer to download the complete data report.

Q: The expiry date is very near; when exactly is it due and can the data logger be used?

A: The printed expiry date starts the first day of the shown month and year; a start shortly before the EXP is due does not prolong the shelf life or the guaranteed functionality.

Q: I need the calibration certificate of this data logger, where can I receive it?

A: as batch-calibrated device each data logger comes with a permanently stored validation certificate in PDF for mat, which informs about the calibration process during the production.



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