FVZLOG-TH/T

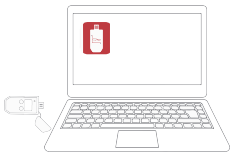
Multiple Use Temperature&
Humidity Data Logger

1.Configuration software

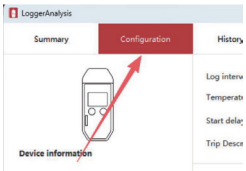
1

The device can be configured via the LoggerAnalysis software. This software allows users to adjust all parameters 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

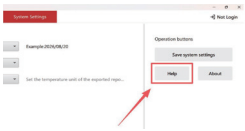


Open the software, click on configuration, and set the parameters as needed on the configuration page



After setting the parameters, click "Configure device" to complete the configuration.the device screen will display "ConF" once the configuration success;

Operation Manual: In the System setting, click the HELP to view more detail about the Manual;



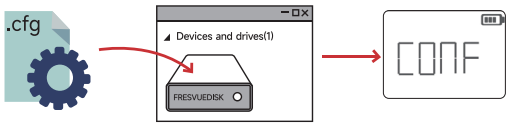
2.Website configuration

2

If your device can not be recongnized by LoggerAnalysis software, the firmware can not support. Then you can configure it by the website ;Connect the device data with the computer USB port, the computer-desktop will display a FRESVUEDISK icon. Type "www.fresvuelogger.com" in your web browser to open the website, then select the product model currently in use,enter the required parameters and click Download CFG File,then the browser will download a configuration file with a .cfg suffix.

Copy the configuration file (.cfg) to the FRESVUEDISK,if the configuration is successful, the display will show ConF, if other information is displayed, it may be an error in the confi guration file, specifically refer to the error code analysis.

NOTE: Do not disconnect the product from the computer until ConF is displayed on the top of the product's LCD screen!



Error codes (in case of misconfiguration, an error code will be displayed on the product LCD screen)

Error Code	Code meaning	How to do
E001	CFG File error	Copy the correct CFG file
E002	Model error	Confirmation of model
E003	Firmware version error	Confirmation of firmware version
E004	Parameters error	Confirmation of parameter
E005	Low battery	Replace the battery
E006	Autostart time error	Confirm that the time is correct

3.Website configuration

LCD prompt after configuration

Manual start:

3

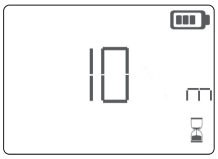
LCD display this character is waiting for manualstart state, at this time you need to long press theSTART button for 3 seconds in order to start therecord, long press the START button process, thescreen will flash the character of go.

Timed start:

The LCD displays this character as a wait toautomatically start the logger when the setstart time is reached.

Start-up delay:

If the logger is configured with a startup delay,then after startup, the LCD will display thecountdown time, as exemplified below (10m means10 minutes of countdown time)



Note: In the startup delay, days are d, hours are h,minutes are m

4.Activation recordg

When the recorder formally enters the recording state, the LCD will display the · REC icon as follows:

The following icons are displayed according to the configuration, the temperature value will be displayed for 10 seconds, after 10 seconds the value display will be extinguished and the other icons will not move to enter the recording standby state.

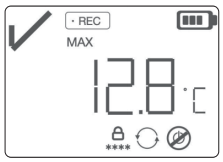
5.Overlimit Alarm

The recording process displays an X alarm icon if the temperature exceeds the alarm thresholdand the alarm interval number, which is displayedas follows:

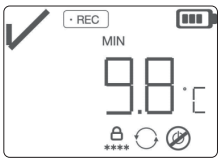
Note: When the logger sounds an alarm, the alarmremains even if the ambient temperature returnsto the original zone.

6.View Recorded Data

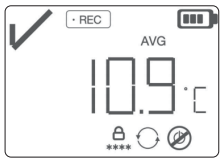
To view the currently recorded statistics during recording, tap the VIEW button to toggle the statistics, which are displayed as follows:



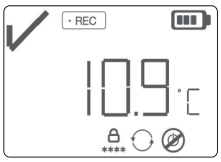
Maximum temperature



Minimum temperature



Average temperature



Current temperature

7.Stop Recording

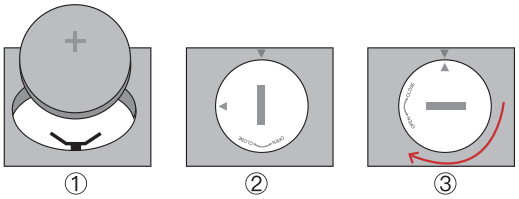
If the stop button is not prohibited, the recording can be stopped by long-pressing the STOP button, long-pressing the button for 3 seconds displays “Stop" and blinks, and after 3 seconds “Stop" is displayed, the button can be released, and the device is in the state of stopping operation at this time. The display is as follows:

8.Download Recorded Reports

When the recorder is plugged into the USB port of the computer, the recorder displays "PdF" to indicate that PDF generation has started. Then the progress of the generation is displayed. The first two digits of the four-digit number are the number of pages currently generated, and the last two digits are the total number of pages that need to be generated. If the two are consistent, it means that PDF generation is complete and the report can be read.

Once the report is generated, to the point where the screen displays USB, the report can be read, at which point a FRESVUEDISK removable disk icon will be displayed on the computer desktop.

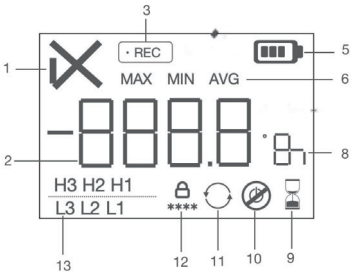
9.Battery Replacement



a.Place a coin into the groove on top of the battery cover and open the battery cover counterclockwise in the OPEN direction to remove the old battery.
b.Short press the START button until the LCD screen is all off, if it is not off into, the battery levelcan not be calibrated.
C.Place a new CR2450 battery with the positive terminal facing upward diagonally against the Y-shaped tabs (as shown in Figure.1) into the device's battery compartment, do not press downon the Y-shaped tabs.
d.Put the battery cover on (as shown in Fig.2) and screw it clockwise in the direction of CLOSE until the arrows are aligned (as shown in Fig.3)

10.LCD Screen

Full screen display



1-Alarm status
2-Temperature values, system information
3-Record Status
5-battery indicator
6-Statistical information, maximum temperature,minimum temperature, average temperature
8-Temperature in °C/F, time in d,h,m
9-Startup delay marker
10-Disable Push Button Stop Function
11-Repeat start, long press the START buttonafter a round of recording to restart recording
12-Password protection, you need to enter thepassword when configuring to configure successfully
13-Alarm intervals (H3, H2, H1, L3, L2, L1),beyond a certain interval, the number of the interval is displayed

11.Product Parameters

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C,5 minutes logging interval
Sensor Type	Sensirion Digital Sensor
Operation Temperature	-30°C~70°C (0-100%RH)
Measurement Accuracy	±0.5°C@-10~70°C, ±0.8°C@-30~-10°C (±3%RH@20-80%RH,±4%RH@other)
Resolution	0.1°C (0.1%RH)
Memory Space	Up to 33,000 points
Logging Interval	1 minute -24 hours optional (Default 5 minutes)
Start Delay	0 minute -24 hours optional (Default 10 minutes)
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 & Desktop Software
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Certification	CE, EN12830:2018, RoHS

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