4.2 Menu bar of ElitechLog software (Mac version):

ElitechLog For Mac V1.0.0

Read Data | Save Data | Send E-mail | System Settings | Historical Data | Import Data | Help | Exit | Data Filtering | Cancel filtering | Export Data | Stop Logging | Close

Overview | Settings | Graph | Data

4.2.1 Read data: The software will automatically download and update data when a data logger is detected. If not, please manually click 'Read Data' to transmit and update the data.

4.2.2 View data: After downloaded, the data can be viewed by a click on Overview, Graph, Data, etc. Click 'Data Filtering' on the top right, data can be screened when a desired time range is selected.

4.2.3 Export data: Click 'Export Data' on the top right, a PDF, XLS and other format file can be saved to the local computer.

For other advanced functions, you may refer to the ElitechLog User Manual by clicking on 'About us' page (?) in the menu bar of Mac version).

Parameter Introduction

Users can reconfigure parameters via ElitechLog app.
Important! Reconfiguration will clear all the configured parameters and recorded data.

Alarm thresholds	The logger supports 3 high temperature limits, 2 low temperature limits; 1 high humidity limit and 1 low temperature limit.
Alarm zone	The range that exceeds high limits or below low limits.
Alarm type	Single - Single timing only on continuous over-limit event. Cumulative - Cumulative timing on all over-limit events.
Alarm delay	The logger does not alert when measured temperature is within reaches the alarm zones. It begins to alarm only when the configured alarm delay time elapses.
MKT	Mean kinetic temperature is an evaluation method that indicates the effect of temperature fluctuation on stored goods.

Menu Introduction

Menu	Display	Meaning		Menu	Display	Meaning
1	Timing start	28		9	High temperature limit 3	60.0
	Delayed start	28		10	High temperature limit 2	50.0
2	Not started	28		11	High temperature limit 1	40.0
3	Started	30.8		12	Low temperature limit 1	1.0
4	Recorded points	16000		13	Low temperature limit 2	-2.0
5	Max temperature	58.8		14	High humidity limit	88.0
6	Min temperature	28		15	Low humidity limit	28.0
7	MKT value	8.0		16	Max humidity	63.0
8	Average temperature	8.0		17	Min humidity	3.0

Menu	Display	Meaning		Menu	Display	Meaning
18	Average humidity	53.0		20	Sensor error	--Err
19	System date	180606		21	PDF creation in progress	Pdf 88
	System time	105028		22	External sensor	CE 38.5

Frequently Asked Questions

1. How to set logger time?

The logger clock can be only changed in parameter settings status.

Insert the data logger into a computer and wait until 'USb' shows on the logger's screen. Open ElitechLog software, click 'Parameter' ('Settings' on Mac version), select the correct time zone, and then click 'Save Parameter' ('Save' on Mac version), the computer's system time will be loaded to the logger automatically.

2. How to set temperature unit?

The logger unit can be only changed in parameter settings status.

Insert the data logger into a computer and wait until 'USb' shows on the logger's screen. Open ElitechLog software, click 'Parameter' ('Settings' on Mac version), select the desired temperature unit, and then click 'Save Parameter' ('Save' on Mac version), the settings will be loaded to the logger automatically.

3. What are the meanings of single alarm and cumulative alarm?

Single alarm: When the measured temperature or humidity data exceeds a certain threshold and alarm delay does not elapse, the alarm event will not be triggered and the duration will be reset. When the duration is longer than alarm delay, the alarm event is triggered.

Cumulative alarm: When the measured temperature or humidity data exceeds a certain threshold and alarm delay does not elapse, the alarm event will not be triggered and the duration will be saved. If such event occurs again, the duration will accumulate. When the accumulative duration is longer than alarm delay, the alarm event is triggered.

Indication Symbols And Status

Display	Meaning		Display	Meaning
	No alarm			Mark
	Alarm triggered		------	Data cleared
	Min		USb	USB interface is in use
	Max			

V1.0

![Elitech logo] *Elite of technology*

User Manual

LogEt 8 TH
Reusable PDF Temperature and Humidity Logger

Software download: www.elitechlog.com/softwares

Overview

The temperature and humidity data logger is ideal for temperature-sensitive products during their storage and transportation. The logger features with a USB port, convenient for technical parameter settings and data export to PDF report. The logger aims to protect the whole storage and shipment process and devotes on accurate and reliable temperature monitoring.

Appearance

1	USB port
2	LCD screen
3	Default parameters sticker
4	START and STOP button
5	Embedded temperature sensor
6	External probe interface

Specifications

Measuring range: -30℃~+70℃/10%~90%; Resolution: 0.1℃	**Alarm type:** Single/Cumulative
Accuracy: Temperature: ±0.3℃(-20℃~+40℃); ±0.5℃(others)	**Data transmission:** USB port
Humidity: ±3%RH(20%~80%RH), ±5%RH(others)	**Report type:** PDF format
Sensor type: Internal and external temperature and humidity sensors	**Data encryption**：Set password to ensure data security
Memory: 16000 points (MAX)	**Battery:** 3.6V single-use lithium battery
Logging interval: 10 seconds ~ 24 hours	**Battery life:** 2 years
Start mode: Button or software	(stored and used in normal temperature environment)
Stop mode: Button, software or stop when full	**Protection grade:** IP65
Alarm thresholds: Temperature: up to 3 high limits and 2 low limits Humidity: 1 high limit and 1 low limit	**Dimensions:** 103mmx46mmx19mm(LxWxH)
	Weight: 60g

Operation

1. ElitechLog installation and login

Open www.elitechlog.com and download ElitechLog software of its latest version.

2. Data logger configuration

2.1 Insert the data logger into a computer and wait until the logger displays 'USb' .

2.2 Open ElitechLog software, it will detect the logger and read its data automatically. User can also click 'Download' to read the recorded points from the logger.

2.3 You may personalise the parameters by click the 'Parameter' tab (or 'Settings' tab on Mac version) on the software by clicking 'Parameter' ('Settings' on Mac version). Then click 'Save Parameter' ('Save' on Mac version), the configured parameters will be saved to the logger and will pops out a dialog box as 'Parameters set successfully'.

3. Data Logger Operation

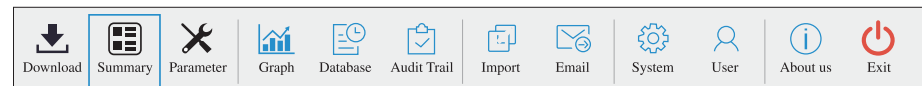| If you want to	Please	If you want to	Please
Start the logger	Hold START button for 5 sec. ▶	**Back to Menu**	Press & release STOP button
Stop the logger	Hold STOP button for 5 sec. ■	**Mark events**	When logger is started, press&hold START button for 5s until ⟆ shows on the LCD
View the status	Press & release START button		

⚠ *Note:*

- Only reconfiguration can make a stopped data logger be activated again. New configuration will initialize previously recorded data. Please make sure you have saved all data before you apply new configurations.
- Start by button: If Start Mode - Press Button is enabled, press and hold the START button until the LCD screen shows flashing ▶ , which indicates the logger has been activated and will start logging after the configured 'Start Delay' time elapses.
- Timed start: The logger starts logging automatically after the configured 'Timing Start' time elapses. (In this mode, Start Mode - Press Button is disabled.)

4. Read/Manage Data

Insert the data logger into a computer, wait until the logger's screen displays 'USb' . You may find a USB driver icon appears on your computer. You can click that icon to view the automatically generated PDF report or open ElitechLog software for future operations.

4.1 Menu bar of ElitechLog software (Windows version)

Download	Summary	Parameter	Graph	Database	Audit Trail	Import	Email	System	User	About us	Exit

4.1.1 Read data: Normally, the software will automatically download and update data when a data logger has been detected.. If not, please manually click 'Download' to download and update the data from the logger.

4.1.2 View data: After downloaded, the data can be viewed by a click on Summary, Graph, Database, etc. In 'Graph' page, click [🔍] , data can be screened when a desired time range is selected.

4.1.3 Export data: Click the button [↗] at the bottom left of 'Graph' page, a PDF, XLS and other format file can be saved to the local computer.

4.1.4 Historical data: Click 'Database', user may check the data of the devices previously downloaded.