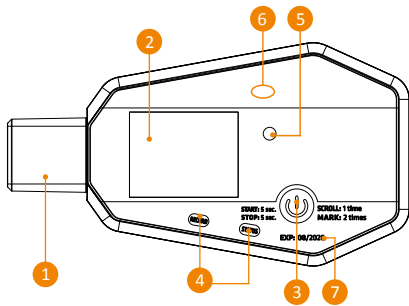


User Manual LogEt 1/LogEt 1TH/LogEt 1Bio

Single-Use PDF Data Logger

Appearance



1. USB Protective Cover
2. LCD Screen
3. Button ⁽¹⁾
4. LED Indicator
5. Light Sensor
6. Humidity Sensor
7. Shelf life

Note:

Button ⁽¹⁾ Function Instructions:

| Operation | Function | Status Indication ⁽²⁾ |
|------------------------|--------------------------------------|---|
| Press & Hold 5 Seconds | Start/Stop Recording | Start Recording: ■ ■ ■ ■ ■ Stop Recording: ■ ■ ■ ■ ■ |
| Single Click | Light Up LCD Backlight; Page Up/Down | See Indication Instructions |
| Double Click | Mark Events | Mark Success: ■ ■ ■ ■ Mark Failure: ■ ■ ■ ■ ■ |

⁽²⁾ The code like Rec will shows on logger's LCD screen to indicates status. The red square ■ indicates the logger's red LED light is flashing; the green square ■ indicates the green LED light is flashing. Each individual square indicates how many times it will blink and two adjoining squares like indicates both red and green lights blink simultaneously. The same rules applied below.

Before you begin

·ElitechLog Software download link: www.elitechlog.com/softwares

·Online configuration site link:

Technical Specifications

| | |
|------------------------------|---|
| Recording Options | Single Use |
| Temperature Range | -30°C ~ 70°C, 0%RH ~ 100%RH |
| Temperature Accuracy | ±0.5°C(-20°C ~ +40°C), others ±1.0°C ±0.3°C(-30°C ~ +70°C) - for LogEt 1Bio only |
| Humidity Accuracy | ±3%RH(20%RH ~ 80%RH), others ±5%RH - for LogEt 1TH only under 25°C |
| Resolution | 0.1°C, 0.1%RH |
| Data Storage Capacity | Max. 16,000 points |
| Shelf Life / Battery | 2 years/CR2450 button cell ⁽³⁾ |
| Recording Interval | 12 minutes (Default, others on request) |
| Recording Duration | Up to 120 days (Default, others on request) ⁽⁴⁾ |
| Start Mode | Button or software |
| Stop Mode | Button, software or stop when full |
| Protection Class | IP67 (Not for LogEt 1TH) |
| Reprogrammable | Via Elitech software Via Online Configuration Web |

| | |
|-------------------------------|---|
| Certifications | EN12830, CE, RoHS |
| Validation Certificate | As Hardcopy ElitechLog Data Management Software Win(V4.0.0 or newer) /ElitechLog Mac (V1.0.0 or newer) |
| Software | Mac OS 10.10 or higher |
| Compatible OS | Windows XP/7/10 |
| Report Generation | Automatic PDF report |
| Password Protection | Software Password Protection |
| Connection Interface | USB 2.0 (Standard Type A Connector) |
| Alarm Configuration | Optional, Up to 5 thresholds |

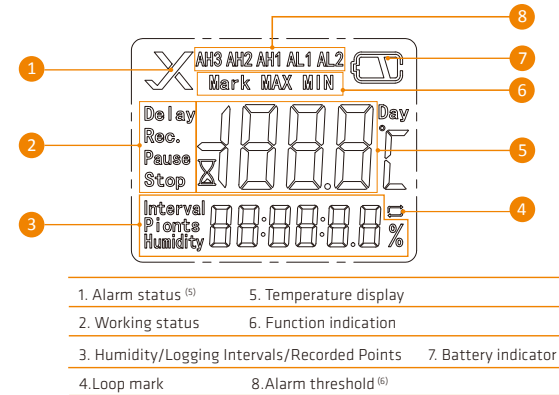
Note:

⁽³⁾ Depending on optimal storage conditions (15°C to 23°C / 45% to 75% RH)

⁽⁴⁾ Depending on application temperature (very low/high temperatures may shorten it)

Indication Instructions

1. LCD Screen Indication



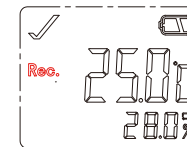
Note:

⁽⁵⁾ Only displayed when Alarm is enabled.

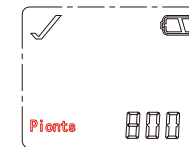
⁽⁶⁾ Indicates current alarm status, e.g. if temperature goes above AH1 setting, AH1 code will appears on LCD screen.

2. Other LCD Page Indications:

Single click the Button can browse each LCD page.



1. Current Temperature & Humidity



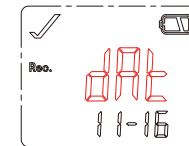
2. Recorded Points



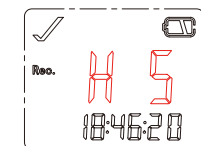
3. Maximum Temperature & Humidity



4. Minimum Temperature & Humidity



5. System Date: Month-Day



6. System Time: Hour:Minute

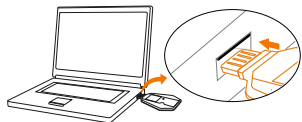
3. Meaning of LED blinks

Single click the Button make LED light blinks you may check logger status based on it.

| LED blinks as... | Indicates status... |
|---|----------------------------|
| ■ ■ | Not Started |
| ■ ■ | Delayed Start/Timing Start |
| ■ | Started - OK |
| ■ | Started - Alarm |
| ■ ■ | Stopped - OK |
| ■ ■ | Stopped - Alarm |

Operations

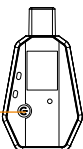
01



Connect the data logger to computer. Configure parameters and synchronize time via ElitechLog software. You can also use the online configuration site to generate configuration file and drag it to removable storage disk "Elitech Log" to finish configuration.

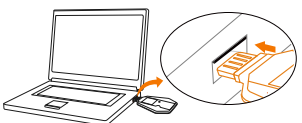
03

Double click



Double click the button quickly to mark the current time and temperature.

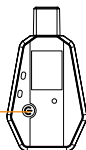
05



Connect the logger to computer. Open the PDF report in removable storage disk "Elitech Log" to view the data. You could also view data with ElitechLog software.

02

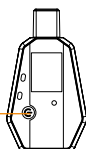
Press button
5 seconds



Press and hold the button for 5 seconds to start recording.

04

Press button
5 seconds



Press and hold the button for 5 seconds to stop recording.

Important!

- Please read this User Manual carefully before your use data logger.
- The data logger is ideal to monitor and record temperature(humidity) during storage and transportations for pharmaceuticals and other products. It can be used widely in all parts of warehousing, logistics and cold chain.
- System time may not be synchronized via online configuration site.
- If Start Delay has set, logger will start recording after the delay time elapses.
- In the following scenarios, logger can start recording without manual button pressing.
 - If start mode set to Immediate Start, logger will start recording immediately after you remove it from the computer.
 - If start mode set to Timing Start, logger will start recording automatically on your scheduled date and time.
- You do NOT need to stop logger for data viewing. Just connect logger to computer and open the temporarily generated PDF report in "Elitech Log" disk to view the data.
- The logger will stop automatically when the recording points reach the setted point.
- Please store the data logger under room temperature.
- The humidity related parameter and description in the Manual is only for model LogEt 1TH.
- The logger can NOT be re-configured once you start it.
- The LCD screen will turn off automatically after 15 seconds of inactivity. Just single click the button can light on the screen.
- After logger is started, the green LED light will blink once every 10 seconds. If alarm(s) are triggered, the red LED light will blink once every 10 seconds (green LED will STOP blinks).
- If battery indicator icon on LCD screen only display half of the icon, please do not use the logger for long-distance transport.
- LogEt 1 series should avoid contact with unstable chemical solvents or other organic compounds especially should avoid for long-term storage or exposed to environments that contain high concentrations of ketene, acetone, ethanol, isopropanol, toluene and etc.

LogEt 1/LogEt 1TH/LogEt 1Bio



Elitech

Elite of technology



SHIPPER

CONTAINER NO.

TRUCK NO.

B/L NO.

REF NO.

CONTENTS

LOGGER SERIAL NO.

START DATE

START TIME

DEPARTURE PORT

ARRIVAL PORT

TEMPERATURE REQUIRED

□°C □°F

CAUTION

TEMPERATURE MONITORING