Elitech Single-Use PDF Data Logger User Manual

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Contents

Appearance
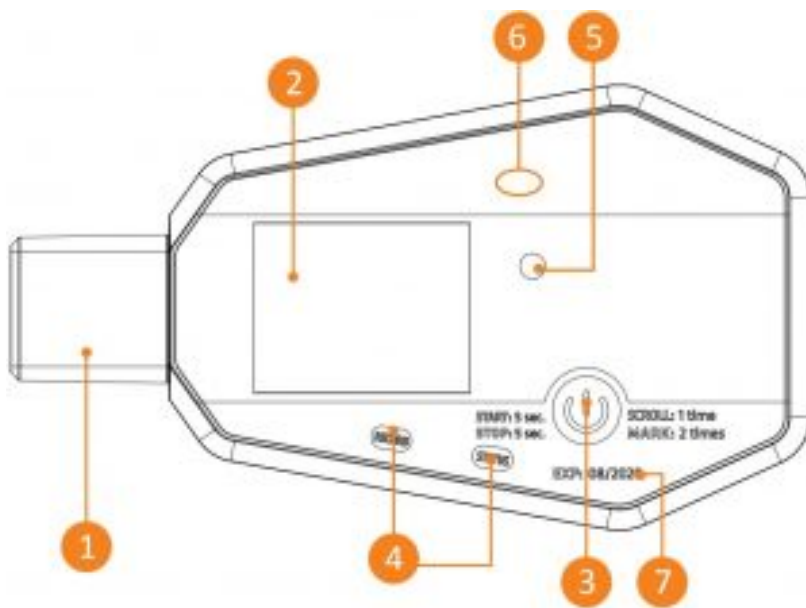

1. USB Protective Cover
2. LCD Screen
3. Button (^{1})
4. Shelf life
5. LED Indicator
6. Light Sensor
7. Humidity Sensor

Note:

Button (^{1}) Function Instructions:

Operation	Function	Status Indication (2)
• Press & Hold 5 Seconds	Start/Stop Recording	• **Start Recording:** [Rec.] 🟩 🟩 🟩 🟩 🟩 • **Stop Recording:** [Stop] 🟥 🟥 🟥 🟥 🟥
Single Click	Light Up LCD Backlight; Page Up/Down	See Indication Instructions
Double Click	Mark Events	• **Mark Success:** [Mark] 🟩🟥 🟩🟥 🟩🟥 • **Mark Failure:** [Mark] 🟥 🟩 🟥 🟩 🟥 🟩

[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 blinks 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
- **Protection Class:** Button, software or stop when full
  IP67 (Not for LogEt 1TH)
- **Reprogrammable:** Via Online Configuration Web
- **Certifications:** EN12830, CE, RoHS

- **Validation Certificate:** As Hardcopy
- **Software:** ElitechLog Data Management Software Win(V4.0.0 or newer) /ElitechLog Mac (V1.0.0 or newer)
- **Compatible OS:** Mac OS 10 10 or higher 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:

1. Depending on optimal storage conditions (15°C to 23°C / 45% to 75% RH)
2. Depending on application temperature (very low/high temperatures may shorten it)

Indication Instructions

LCD Screen Indication
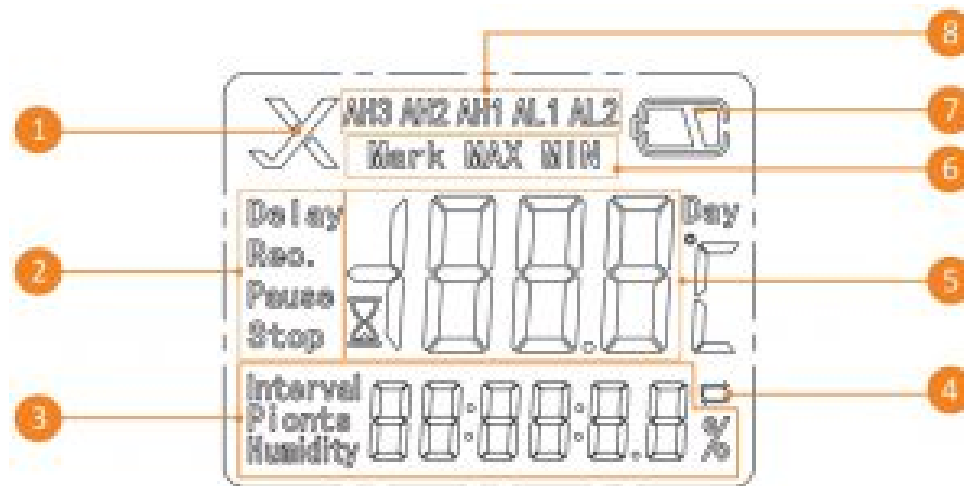
1. Alarm status
2. Working status
3. Humidity/Logging Intervals/Recorded Points
4. Loop mark
5. Temperature display
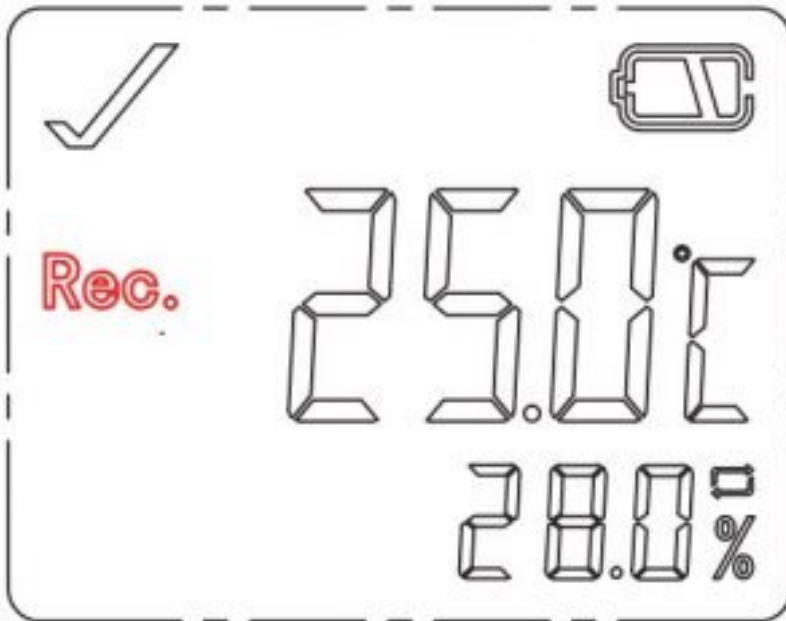6. Function indication
7. Battery indicator

Note:

1. Only displayed when Alarm is enabled.
2. Indicates current alarm status, e.g. if temperature goes above AH1 setting, AH1 code will appears on LCD screen.
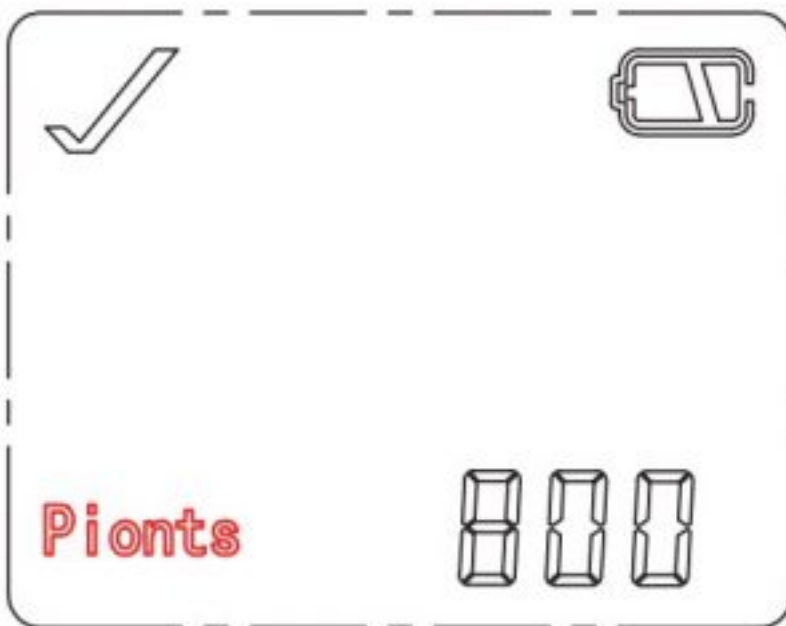
Other LCD Page Indications:

Single click the Button can browse each LCD page.
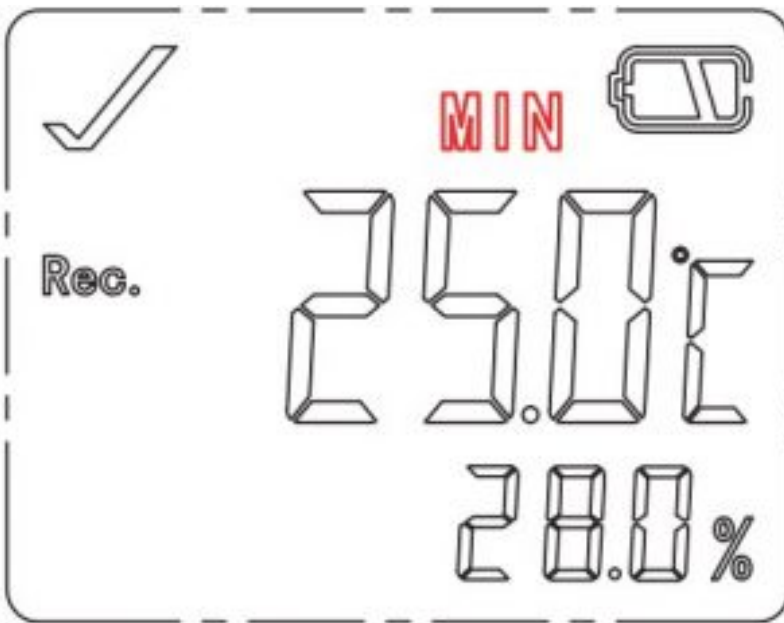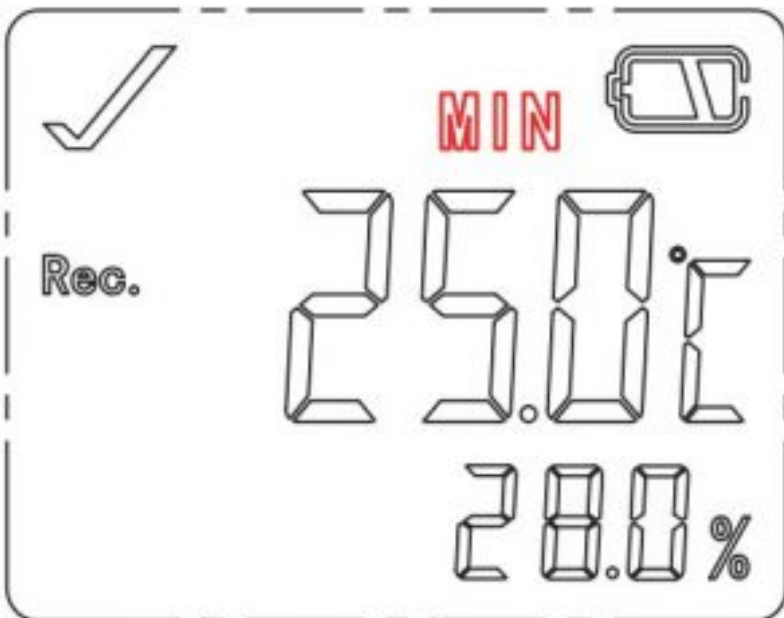
1. Current Temperature & Humidity

✓ Rec.

25.0℃

28.0%

2. Recorded Points
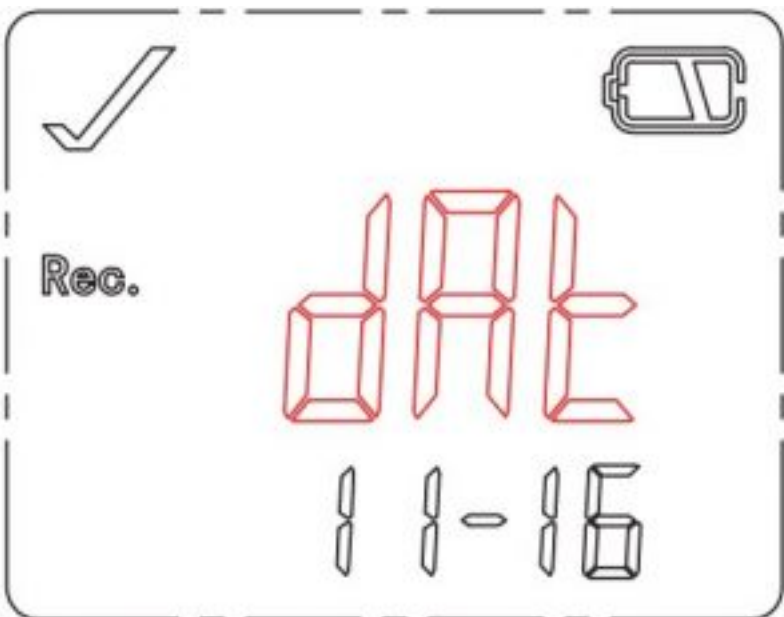
✓

Pionts **800**

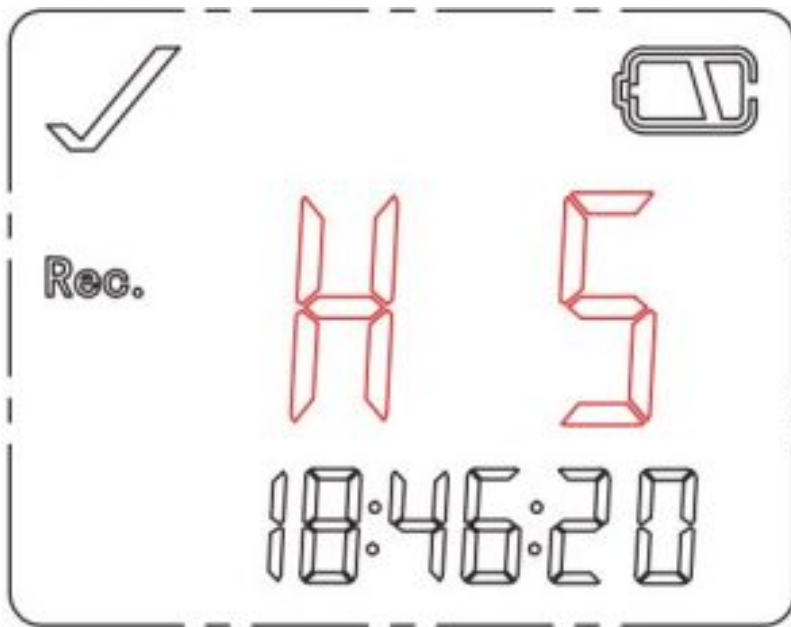3. Maximum Temperature & Humidity

4. Minimum Temperature & Humidity

5. System Date: Month-Day

6. System Time: Hour:Minute

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 – OK
	Stopped – OK
	Stopped – Alarm

Operations

1. 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 filed and drag it to removable storage disk "Elitech Log" to finish configuration.
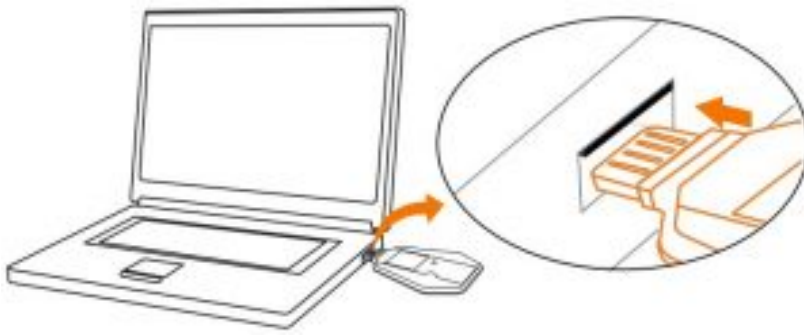
2. Press and hold the button for 5 seconds to start recording.

**Press button
5 seconds**

3. Double click the button quickly to mark the current time and temperature.
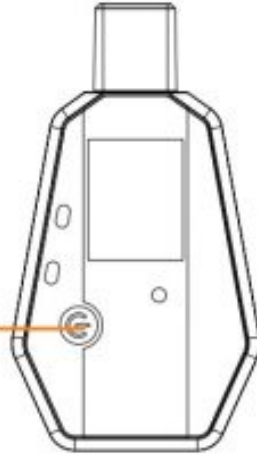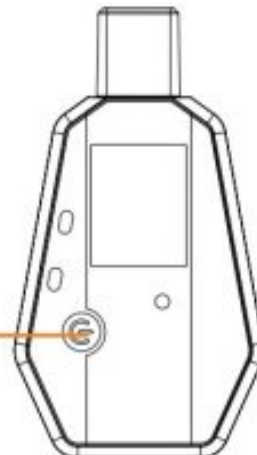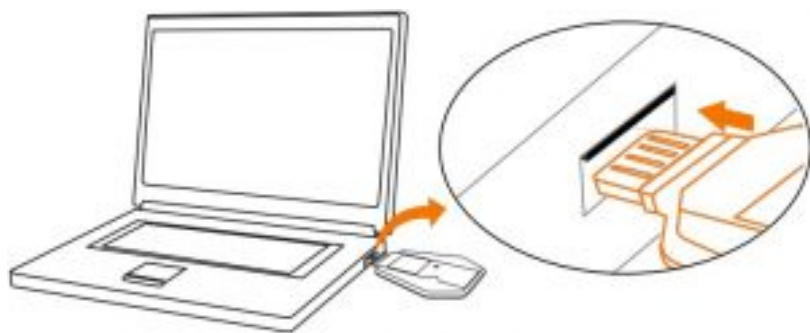
Double click
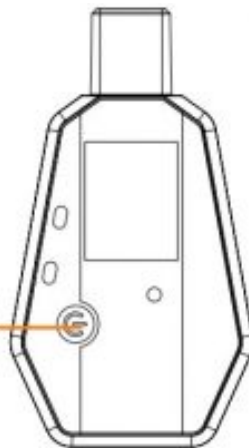
4. Press and hold the button for 5 seconds to stop recording.

**Press button
5 seconds**

5. 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.
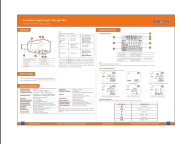
Important!

- 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 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.

SHIPPER_____

CONTAINER NO._____

TRUCK NO._____

B/L NO._____

REF NO._____

CONTENTS_____

LOGGER SERIAL NO._____
START DATE_____ DEPARTURE PORT _____
START TIME _____ ARRIVAL PORT _____
TEMPERATURE REQUIRED
_____ □°C □°F

Documents / Resources

Elitech Single-Use PDF Data Logger [pdf] User Manual
Single-Use PDF Data Logger, LogEt 1, LogEt 1TH, LogEt 1Bio