



# ThermElc TE-02 Pro TH Temperature Humidity Data Logger User Manual

[Home](#) » [ThermELC](#) » ThermElc TE-02 Pro TH Temperature Humidity Data Logger User Manual 

ThermElc TE-02 Pro TH Temperature Humidity Data Logger User Manual



## Contents

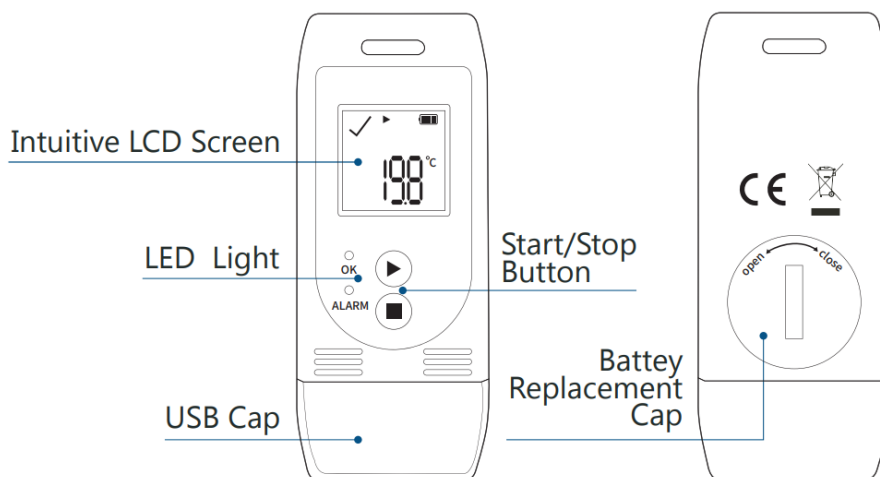
- [1 Product Introductions](#)
- [2 Main Feature](#)
- [3 Specification of ThermElc](#)
- [4 First Time Set Up](#)
- [5 Quick Start](#)
- [6 Operation Functions](#)
- [7 LCD Display Instructions](#)
- [8 Battery Replacement](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)
- [10 Related Posts](#)

## Product Introductions

ThermElc TE-02 PRO TH is used for monitoring temperature and humidity of the sensitive goods during storage and transportation. TE-02 Pro TH is integrated with USB & Plug-N-Play features for auto-generating secured PDF & CSV report without requiring additional Hardware (cable/interface) or software. TE-02 Pro TH dataloggers are equipped with highly precise sensor with accuracy of  $\pm 0.5^{\circ}\text{C}$  for entire range of  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  and  $\pm 3\% \text{ rH}$ .

## Main Feature

- Multiple use temperature & humidity logger
- Auto generates PDF reports
- Auto generates CSV reports
- Logging of 32000 points
- No special device driver required
- Temperature and humidity over-limit alarm

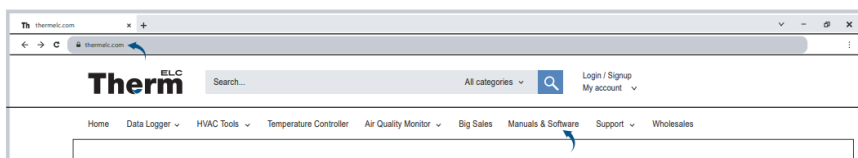


## Specification of ThermElc

Type	Reusable / Multiple Use
Measurement Range	30°C to +60°C
Accuracy	±0.5°C(-30°C to +60°C)
Humidity Range	0% to 100% rH
Humidity Accuracy	±3% rH
Memory Capacity	32,000 Values
Recording Interval	10 sec to 18 Hrs (Customizable)
Battery Type	3V / Replaceable CR2032
Dimension	89 mm x 36 mm x 16 mm
Weight	approx. 30 Grams
Certifications	EN12830, C
Validation Certificate	Hard Copy Included
Report	Self-Generated PDF + CSV
Alarm Range	High & Low Alarm
Connectivity	USB 2.0
Protection Class	IP65

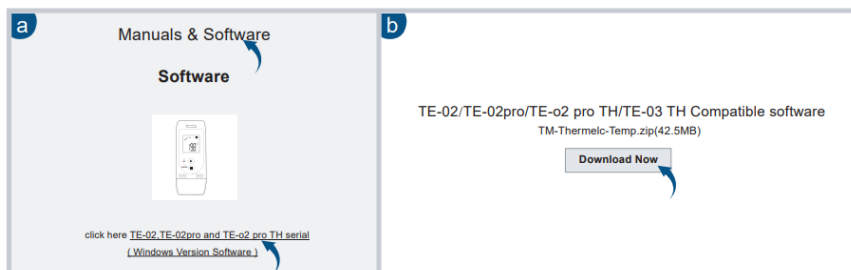
## First Time Set Up

1. Open your Internet browser and type in [thermelc.com](http://thermelc.com) . Navigate to the menu bar,click on '**Manuals & Software**'.

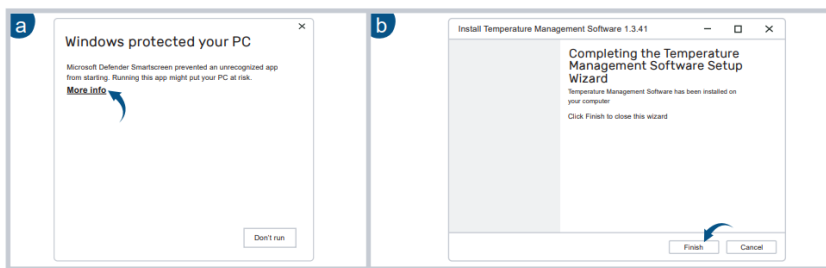


2. Select the appropriate software for your model.

Click on the download link or the model picture to access the software download page.



3. Once the download is complete,click on the downloaded file to initiate the installation. Follow the steps to complete the installation process.



4. After installation, you can access the **Temperature Management Software**. by clicking on the shortcut icon on your desktop.
5. Full video instructions please go to [youtube.com/@thermelc](https://www.youtube.com/@thermelc) 2389 Click Playlists – How to use your Therm ELC Data logger

## Quick Start

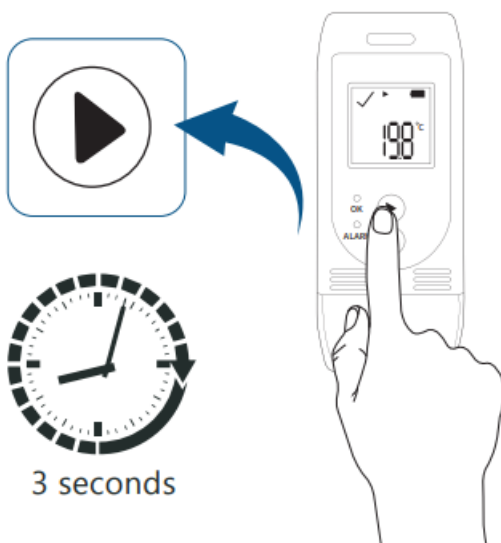
### Quick start Therm ElcTE-02ProTH

1. Software Download

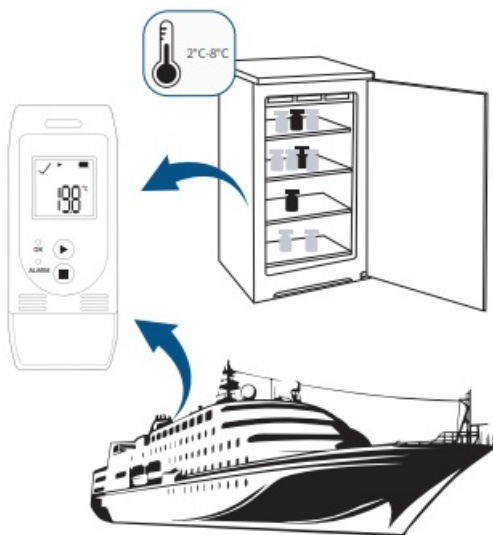
<https://www.thermelc.com/pages/download> config your parameter



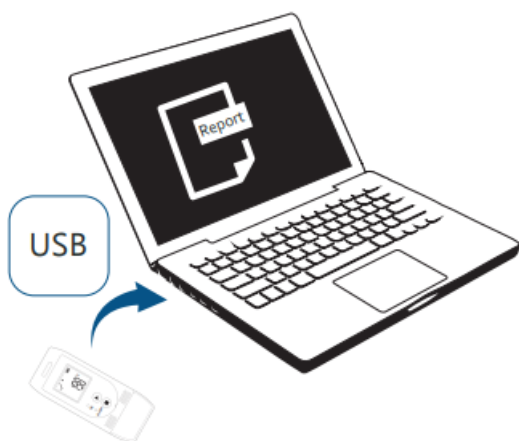
2. Press start 3 seconds



3. Measure Monitoring



#### 4. Read



#### 5. Report Auto PDF. CSV Report Data & Graphic Comparison Available.



#### 6. Helps

<https://www.thermelc.com/pages/contact-us>



### Operation Functions


#### 1. Start Recording

Press and hold the START button for approximately 3sec. The OK light is on and the (▶) or (WAIT) on screen indicates the logger is started.

#### 2. Mark

When the device is recording, press and hold the START button for more than 3sec, and the screen will switch to the “MARK’ interface. The number of MARK’ will increase by one, indicating data was marked successfully.

### 3. Stop Recording

Press and hold the STOP button for more than 3sec until the **STOP** (  ) symbol displays on the screen, indicating stopping recording successfully.

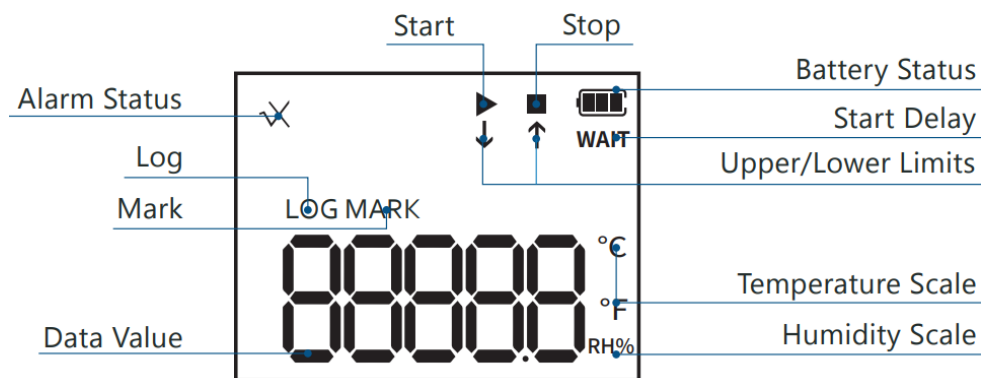
### 4. Switch the display






Shortly press START button to switch to different display interface. The interfaces shown in sequence are respectively: Real-time Temperature > Real-time Humidity > LOG > MARK > Temperature Upper Limit > Temperature Lower Limit > Humidity Upper Limit > Humidity Lower Limit.

### 5. Get Report

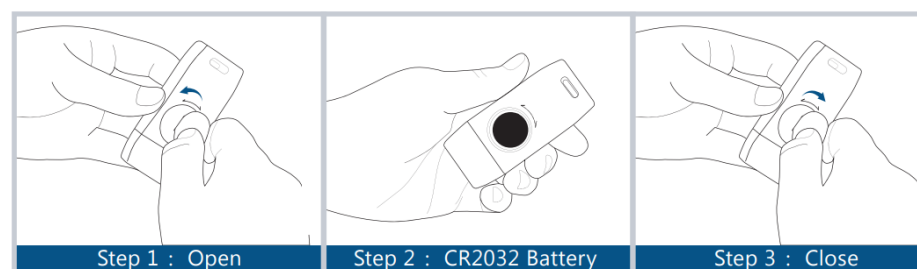
Connect the data logger to PC via USB, and it will auto-generate PDF and CSV reports.

## LCD Display Instructions



	Data logger is recording
	Data logger has stopped recording
<b>WAIT</b>	Data logger is in Start Delay status
	Temperature and Humidity is within the limited range
<b>X</b> and 	Measured value exceeds its upper limit
<b>X</b> and 	Measured value exceeds its lower limit

## Battery Replacement



## Technical Support



## Video Instruction



<https://www.thermelc.com>

[sales@thermelc.com](mailto:sales@thermelc.com)

+44 (0)207 1939 488

# Therm<sup>ELC</sup>

---

## Documents / Resources



[ThermElc TE-02 Pro TH Temperature Humidity Data Logger](#) [pdf] User Manual  
TE-02 Pro TH Temperature Humidity Data Logger, TE-02 Pro, TH Temperature Humidity Data L  
ogger, Temperature Humidity Data Logger, Humidity Data Logger, Data Logger, Logger

## References

- [Th Temperature Data Logger leading manufacturer â€”Therm ELC](#)
- [Th Temperature Data Logger leading manufacturer â€”Therm ELC](#)
- [User Manual](#)