

Overview

This Bluetooth temperature data logger is ideal to use on temperature-sensitive products during their storage and transportation. Its embedded bluetooth module supports bluetooth data reading and parameter configurations within effective radius. Recorded data can be exported as PDF report via App or USB port. This logger aims to protect the whole storage 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



Specifications

Recording type	Multi-Use	Certifications	EN12830, CE, RoHS
Measuring range	-30°C ~ +70°C	Alarm Configuration	configurable, up to 5 thresholds
Accuracy	±0.3°C	Alarm type	Single/Cumulative
Resolution	0.1°C	Data Transmission	USB , Bluetooth
Memory	16,000 recording points(Max.)	Report type	PDF format
Duration	2 years (incl. storage and usages under room temp)	Download Speed	About 200 points/sec
Log interval	10 seconds ~ 24 hours	Battery	3.6V non-rechargeable lithium battery
Start mode	Button or software	Protection grade	IP65
Stop mode	Button, software or stop when full	Demensions	100mmx46mmx19mm(LxWxH)
Sensor type	Internal temperature sensors	Weight	60g

Parameters Introduction

Users can reconfigure parameters via Elitech App per your needs, but be careful, reconfiguration will clear all the configured parameters and recorded data.

Alarm thresholds	The logger supports three upper limits and two lower limits
Alarm zone	The range that out of alarm thresholds
Alarm type	Single - Single timing only on continuous over-limit event Cumulative - Cumulative timings on all over-limit events
Alarm delay	The logger does not alerts immediately when measured temperatures is within 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 fluctuations on stored goods

Elitech App Operation

1. Turn on bluetooth function

Press and hold both the START and STOP buttons for more than 5 seconds until this symbol blinks on top right of the LCD screen .

2. Using Elitech App

2.1 App Download and Logins

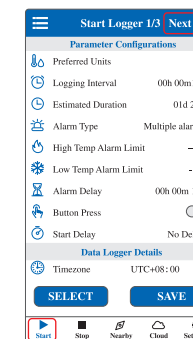
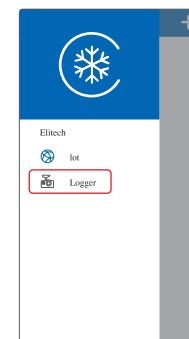
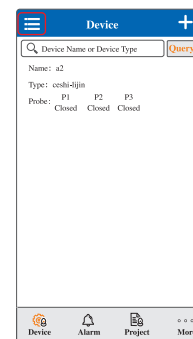
Please use your mobiles to scan the QR code on the right or search for the latest Elitech app on App Store or Google play to download and installation the app.

After finishing installation, open the Elitech App and follow the instructions to register and log in.



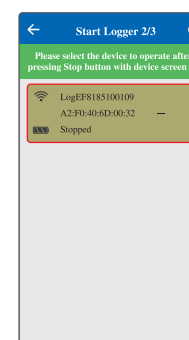
2.2 Configure single data logger

1) Click the navigation key on top left of the App and select Data logger.

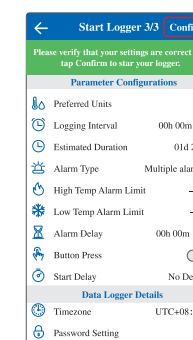


2) Entering Start Menu to personalise parameters. Then click Next on top right for further operation.

3) Press the STOP button of the data logger, the App interface will shows and highlights this logger, click to choose this logger.

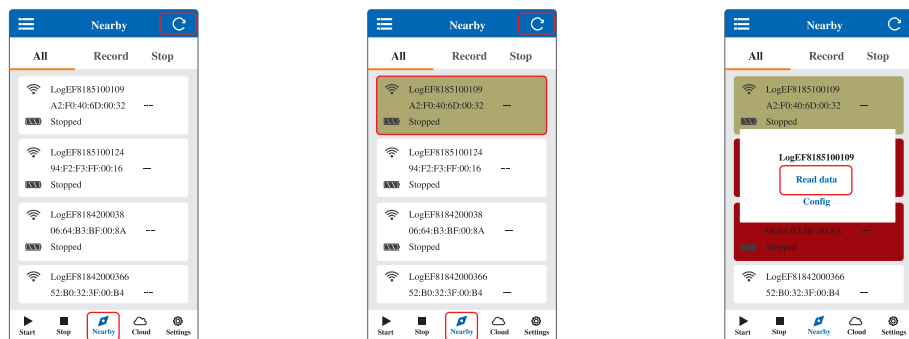


4) Confirm if all configured parameters are correct, and then click Confirm button to apply these settings to your logger.



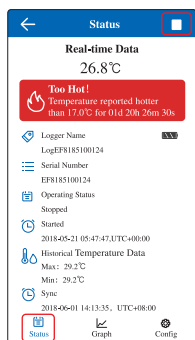
2.3 View data & Generate PDF report

1) In Nearby menu page, click refresh button to refresh the device list. Press the STOP button on the data logger, the App will highlight and stick this logger on top of the device list. Click this logger and select Read data. It may take a while depending on recorded points.

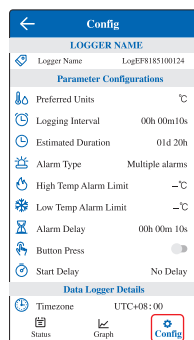
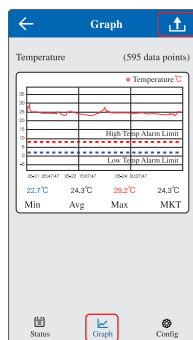


2) Then users can view logger's Status, Graph and Configured parameters; PDF reports can be generate, download and share, by pressing the top right button under Graph page.

Stop logging on the App

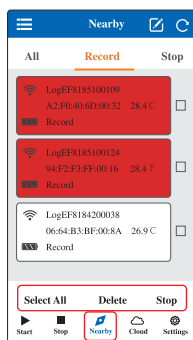


Generate PDF report



2.4 Configure multiple data loggers

1) Click Nearby menu, and select either Record nor Stop submenu tabs. Then click the refresh button on top right to refresh the device list.
 2) Then you can either, Press and hold on one logger in the device list, nor click the button next to the refresh button, to enable multiple loggers management functions. You can 'Select All', 'Delete', 'Stop', 'Config', 'Read Data', etc. for any of the desired loggers. Check desired loggers, then click "Stop", "Config" or "Read Data" to handle it.



3.Data Logger Operation

If you want to	Please	If you want to	Please
Start the logger	Press START button for 5 sec	Mark events	Press START for 5 sec after the logger started
Stop the logger	Press STOP button for 5 sec	Open and close bluetooth	Press both START and STOP for 5 sec
View the status	Short Press Start button once		

⚠ Note:

- Only reconfiguration can make a stopped data logger be activated again. New configuration will initialize previously recorded data. Please make sure you saved up all data before you apply new configurations.
- The logger forbid and cannot configure parameters during recordings mode (when ► shows on the LCD screen).
- Start by button: If 'Button Press' parameter is enabled, then press and hold the START button until LCD screen shows ►, which indicating the logger has been activated. The logger will start logging after the configured 'Start Delay' time elapses.
- Timed start: The logger starts logging automatically after the configured 'Time to start' time elapsed. (In this mode, start by button is disabled).

4.Use logger on PCs

Plug the data logger into a computer and wait until 'USB' code shows on the LCD screen. Then locate and click the USB disk named 'LogEt 8 BLE' on your computer to view the automatically generated PDF report.

Menu Introduction

Menu	Description	Example	Menu	Description	Example
1	Timing start	28	10	High limit 2	500
	Delayed start ►	28	11	High limit 1	400
2	Not started	28	12	Low limit 1	10
3	Started	300	13	Low limit 2	-20
4	Logger recorded points	16000	14	System time	170220
5	Max. temperature	58.8	15	System date	105028
6	Min. temperature	28	16	Sensor fault	Err
7	MKT value	80	17	PDF creation in progress	PDF 88
8	Average temperature	80		Bluetooth function ON	
9	High limit 3	600			

Combination Indicators and the others

Display	Meaning	Display	Meaning
⊠	No alarm	⊠	Mark
⊠	Alarm triggered	⊠	Data cleared
⊠	Min. Temperature	USB	USB Interface is in use
⊠	Max. Temperature		