Elitech LogET 6 User Manual

LogET 6 User Manual
Single-Use PDF Temperature Data Logger

Contents [hide

Product Overview

The data logger is mainly used to record the temperature of food in storage and transportation. It helps accurately monitor the whole process to indicate whether food is safe and fresh.

Structure Description

Technical parameters

Recording Options	Single-Use
Temperature Range	-30 ℃ to 70 ℃
Temperature Accuracy	±0.5(-20 ℃/+40 ℃);±1.0(other range)
Temperature Resolution	0.1 ℃
Data Storage Capacity	16,000 readings
Shelf Life/Battery	2 years/ER14250 3.6V lithium battery
Recording Interval	10 minutes(standard, others on request)
Recording Duration	up to 110 days[2](standard, others on request)
Startup Mode	Button or software
Stop Mode	Button, software or stop when full
Protection Class	IP67

1.Depending on optimal storage conditions(±15℃ to +23 ℃/45% to 75% rH)

Certifications	EN12830, CE, RoHS
Validation Certificate	Hardcopy
Software	PDF /ElitechLog Win or Mac (latest version)
Report Generation	Automatic PDF report
Password Protection	Optional on request
Connection Interface	USB 2.0, A-Type
Alarm Configuration	Optional, up to 5 points
Reprogrammable	With free Elitech Win or MAC software
Demensions	100mmx46mmx19mm(LxWxH)
Weight	60g

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

Parameter Instruction

Users can reconfigure parameters via the data management software. The reconfiguration will clear the original parameters and data

Alarm threshold	The logger supports three upper limits and two lower limits	
Alarm zone	The range that is out of alarm thresholds	
Alarm type	Single	The logger records the single time for continuous out-of-limit events
	Cumulative	The data logger records the cumulative time of all the out-of-limit events.
Alarm delay	The logger does not alarm immediately when the temperature is within the alarm zone. It begins to alarm only when the alarm delay time elapses	
MKT	Mean kinetic temperature is an evaluation method that indicates the effect of temperature fluctuation on stored articles	

Operating Instructions

Action	Operation
Start the data logger	Press and hold the start button for about 5 seconds
Stop the data logger	Press and hold the stop button for about 5 seconds
Show status	Press and release the start button
Set Mark	Press and hold the start button for about 5 seconds

View data After the data logger is plugged into a computer USB port, a PDF data report will be created automatically. The LCD screen will display report generation progress. When created, the report can be viewed. The creation will not last for more than 4 minutes.

Description of the menus

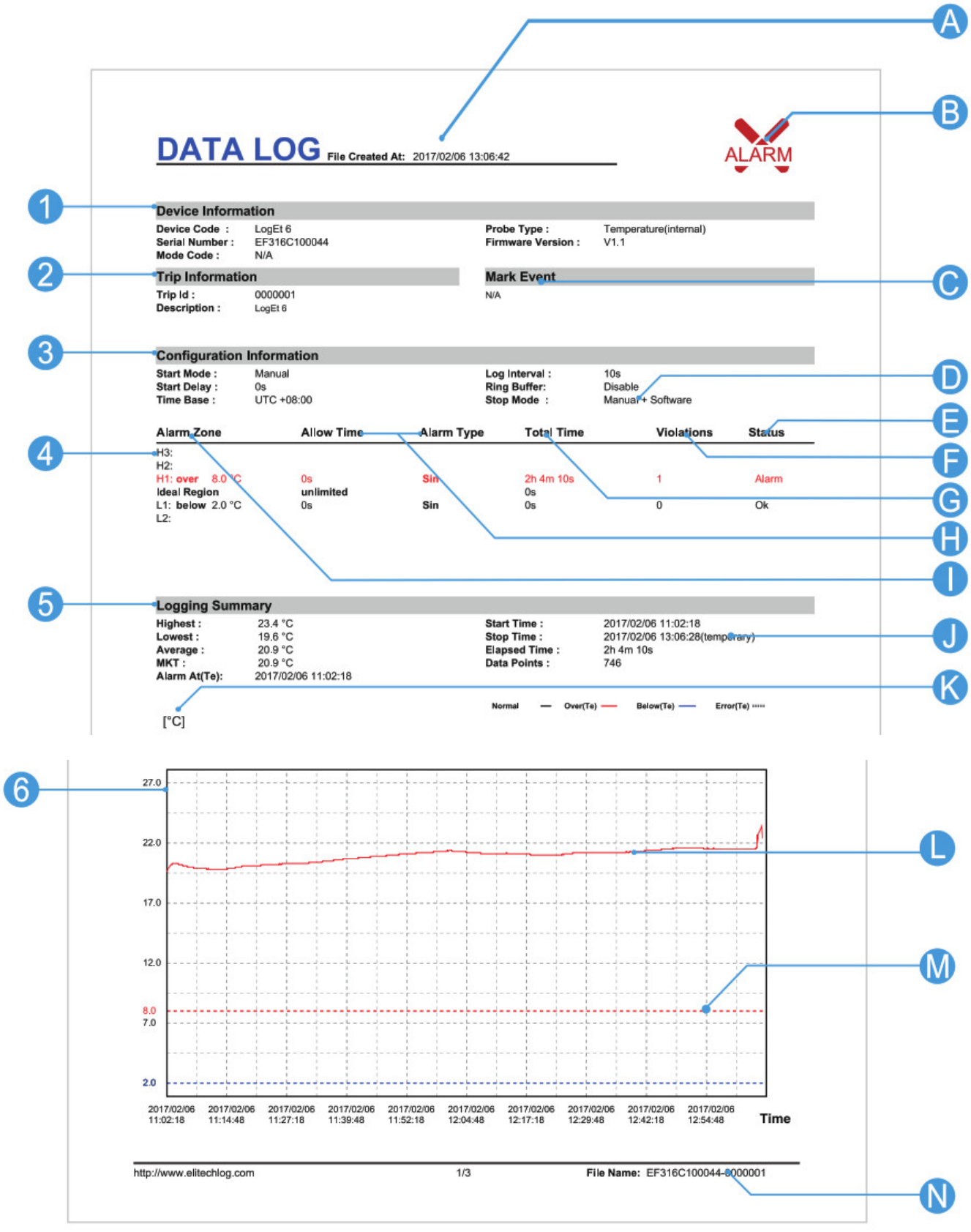
Menu	Description	Example
1	Timing start	
	Delayed start	
2	Not started	
3	Start status	
4	Readings	
5	Max temperature	
6	Min temperature	
7	MKT value	
8	Average temperature	

Menu	Description	Example
9	Upper limit 3	
10	Upper limit 2	
11	Upper limit 1	
12	Lower limit 1	
13	Lower limit 2	
14	Current time	 
15	Sensor fault	
16	PDF creation progress	

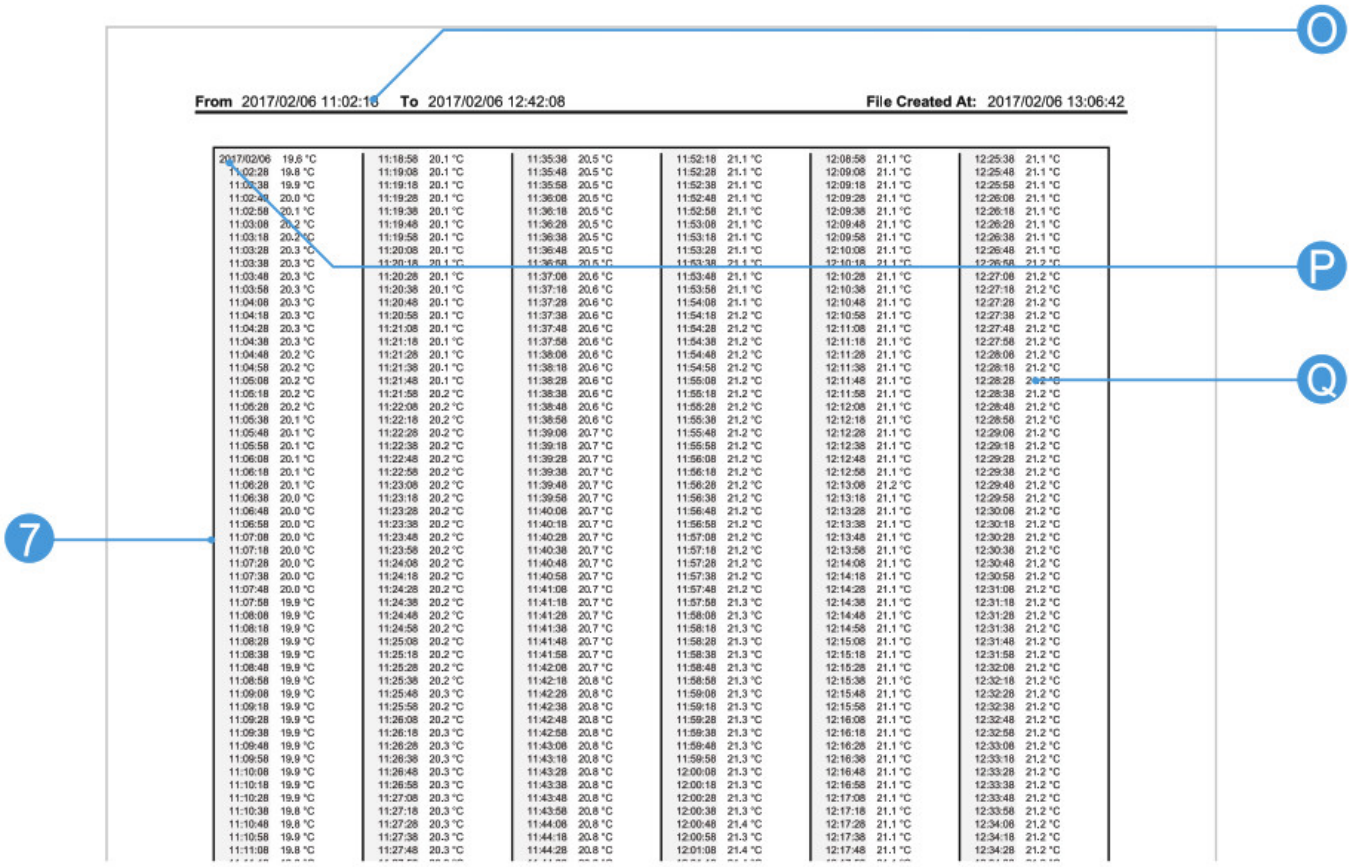
Description of the combined indicators and other status

Display	Description	Display	Description
(group) [3] 	No alarm		Mark
(group) 	Alarmed		Data clear
(group) 	Min		USB communicating
(group) 	Max		

Report



The first page



Other Pages

1	Basic information	B	Alarm (Alarm status as sho wn in the figure above)	J	Actual stop mode (different fr om the item C)
2	Description of the usage	C	Mark Event	K	Vertical coordinate unit of the data grap
3	Configuration information	D	Stop mode that has been s et.	L	Record data curve
4	Alarm threshold and related statistics	E	Alarm status of the tempera ture alarm zone	M	Alarm threshold
5	Statistical information	F	Total times of exceeding the temperature alarm threshol d	N	Document name (serial numb er & description of usage ID)
6	Temperature and humidity graph	G	Total time of exceeding the temperature alarm threshol d	0	Record time range in the curr ent page
7	Temperature and humidity data details	H	Alarm delay and alarm type	P	Records when date changes (date & temperature)
A	Document creation time (re cord stop time		Alarm threshold and temper ature alarm zones	Q	Records when the date is not changed (time & temperature)

Attention: The data above is only used as explanation of the report. Please refer to the actual document for specific configuration and information.

Elitech Technology, Inc.

1551 McCarthy Blvd, Suite 112, Milpitas, CA 95035 USA
Tel: (+1)408-844-4070
Sales: sales@elitechus.com
Support: support@elitechus.com
Website: www.elitechus.com
Software Download: elitechus.com/download/software

Elitech (UK) Limited
2 Chandlers Mews, London, E14 8LA UK
Tel: (+44)203-645-1002
Sales: sales@elitech.uk.com
Support: service@elitech.uk.com
Website: www.elitech.uk.com
Software Download: elitechonline.co.uk/software

Documents / Resources

	Elitech LogET 6 [pdf] User Manual LogET 6, Single-Use PDF Temperature Data Logger

References

- Software – Elitech UK user ico-collapse ic-cross-line-top ic-expand ic-cross-line-top ic-close-circle
- Index of /download/software
- UK.COM
- Elitech UK temperature logger,temperature controller panl - Leader cold chain industry suppliers
- Digital Data Logger & HVAC Tools for Cold Chain – Elitech Technology, Inc.