

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

- 1 USB Port
- 2 LCD Screen
- 3 Configuration Info Label
- 4 Buttons
- 5 Sensor
- 6 Barcode Label



Technical Parameters

Temperature measuring range	-30°C ~ +70°C	Alarm type	single/cumulative
Resolution	0.1°C	Data interface	USB port
Temperature accuracy	±0.5°C (-20~+40°C) ±1°C (others)	Report type	PDF format
Sensor type	internal NTC thermistor	Battery	single-use 3.6V lithium battery
Memory capacity	16000 readings (MAX)	Battery life	2 years (stored and used under normal temperature environment)
Log interval	10 sec ~24 hr	Protection grade	IP65
Alarm threshold	default (customizable)		

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	Menu	Description	Example
1	Timing start	28	9	Upper limit 3	600
	Delayed start	28	10	Upper limit 2	500
2	Not started	28	11	Upper limit 1	400
3	Start status	300	12	Lower limit 1	10
4	Readings	16000	13	Lower limit 2	-20
5	Max temperature	58.8	14	Current time	17:22:28
6	Min temperature	28			10:50:28
7	MKT value	80	15	Sensor fault	Err
8	Average temperature	80	16	PDF creation progress	PDF 88

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		

