

Temperature Logger

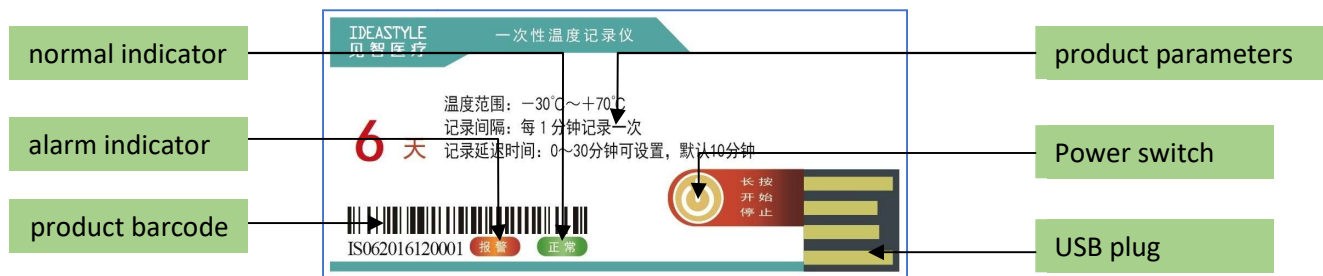
User Instruction

Product Profile:

The IDEASTYLE temperature logger is mainly used to track and monitor the temperature data during the storage and transportation of temperature-sensitive goods such as foods, pharmaceuticals, chemicals, etc., in order to verify whether the temperature conditions in the whole process comply with the customer's requirement. It is widely used in various aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated bags, cold storage, laboratories, etc.

It provides a variety of recording time and temperature range alarms choices with comprehensive shipping and receiving information which is your ideal choice for recording temperature.

Product Description:



Manual:

Note: DO NOT START THE LOGGER BEFORE SET UP THE PARAMETERS

1. Install the software: Install the driver software on the computer using the installation CD.
2. Parameter settings and information entry:
 - open the interface  and click on the parameters module
 - connect the temperature recorder with the computer USB port
 - set up relevant information according to customer's requirement, entry with * mark as the required item
 - save the information, pulling out the logger after the system pops up saving completed

Attention: After the temperature logger executes the start button, all settable information becomes read-only and cannot be modified again. You must complete the parameter setting information firstly, otherwise the data is invalid.

3. Start
 - Press and hold the start button for about 3 seconds. When you see the green LED light turns on continuously for a few seconds, it will automatically extinguish, then release the button

- The logger enters the initial state with the green LED flashes every 3 seconds, indicating normal operation
- If the start delay time is not set, the system will start recording directly after 10 minutes by default.

Attention: The user must ensure that the above operations are completed correctly. If it is not turned on correctly, it is likely that the data will be empty when it arrives at the destination. The user can determine whether the it is set up correctly by observing whether the LED flashes every 3 seconds.

4. Place position

- Seal the temperature logger in a self-sealed plastic bag (prevent moisture)
- Place the logger in the cargo or environment where the temperature is to be tracked

5. Rapid judgement of results

- Observe the LED lights after taking out the logger: Green LED  flashing indicating the temperature alarm range is not exceeded; Red LED  flashing indicating temperature out of the alarm range.

6. Stop logging

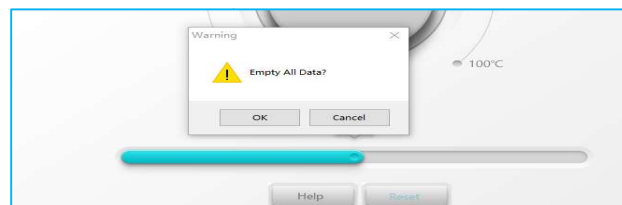
- Stop recording, press the  button for more than 3 seconds to turn off
- The green LED  lights continuously flash 6 times, then the lights are completely extinguished, indicating that the recorder has stopped recording.

7. Data reading and exporting

- Driver software installed first in the computer
- Open the self-sealing bag, take out the temperature logger and insert it into the computer USB port.
- Open the  interface, users need to wait a few seconds to collect data automatically
- Click on the software  or  function to view or export the data recorded by the temperature logger.

8. Reset function: (one-time product does not have this function)

- Insert the used logger, click the reset button  at home page. Click Yes when you see the popped-out dialog box, then after the device light goes out the logger can be used as new product operation above.



Technical Specifications:

Type: IDEASTYLE Temperature Logger

Detect range: -30 C ~ +70 C

Measurement error: + 0.5 C

Accuracy: + 0.1 C

Sensor: built-in thermistor

Start mode: manually by button

Shutdown mode: manually or storage full

Startup delay time: 0 minutes, 5 minutes, 10 minutes, 20 minutes, 30 minutes, the default value is 10 minutes.

Record interval: 30 seconds, 1 minutes, 5 minutes, 10 minutes, 30 minutes, the default value is 30 seconds.

Record time: 3 days, 6 days, 30 days, 60 days, 180 days automatically, and the default value is 3 days.

Alarm upper and lower temperature: customer set up

Alarm delay time: the default value is 30 minutes

Alarm type: accumulative excess alarm time

Size: 68mm x 30mm x 4mm

Weight: About 20g

Waterproof grade: IP67

Standards: CE, ROHS, GSP

Communication interface: USB2.0

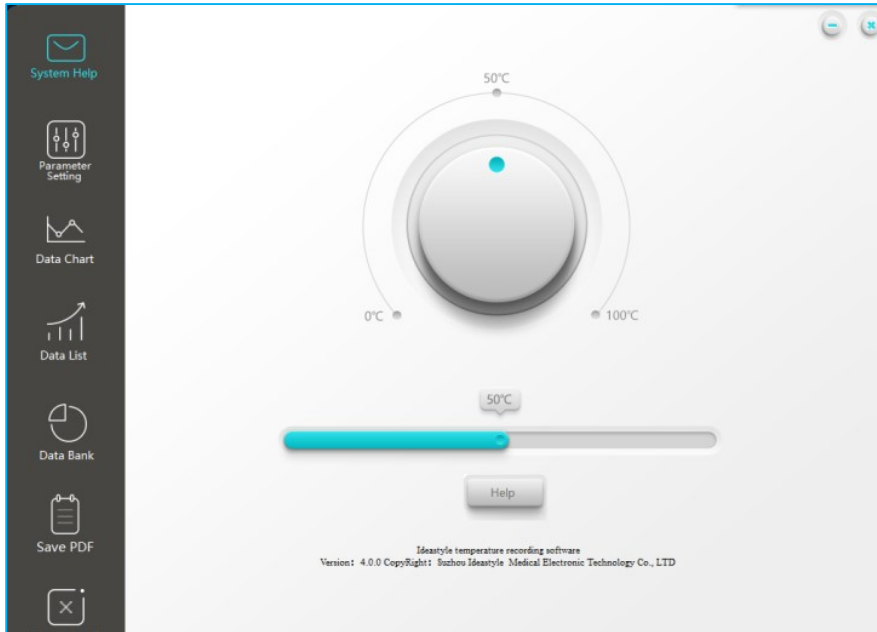
Power supply: built-in CR2032 battery

Battery life: about 1 year at room temperature

Software: IDEASTYLE software kit

Instructions for Data Management Software

1. The Data Management Software should be installed for the first-time user. Please refer to USER INSTRUCTION for the installation process.



2. HELP FILES



- a. Click  or click  at home page to get help files for related operations.

3. Parameter setting and information entry



- a. Click  for parameter setting
- b. System setting

 Parameter setting	Device S/N	00900011	Shutdown Mode	Manual
	Start Delay	0min	Alarm Delay	30min
	Upper Limit Alarm	8 °C	Lower Limit Alarm	0 °C
	Log Interval	5min	Log Cycle	30 day

- Equipment Serial Number-build in information, cannot be edited
- Shutdown mode-build in information, cannot be edited
- Startup delay time-The default value is 10 minutes, users can choose 0, 5, 10, 20, 30 minutes.
- Alarm delay time-The default value is 30 minutes, users can choose 0, 5, 10, 20, 30 minutes.
- Alarm upper and lower limits- customer set up with a maximum upper limit of 70 C, minimum limit of -30.0 C

- Record interval-the default value of 1 minute, users can choose 30 seconds, 1 minute, 5 minutes, 10 minutes and 30 minutes
- Record time- users can choose 3, 6, 30, 60 and 180 days

c. Product information entry

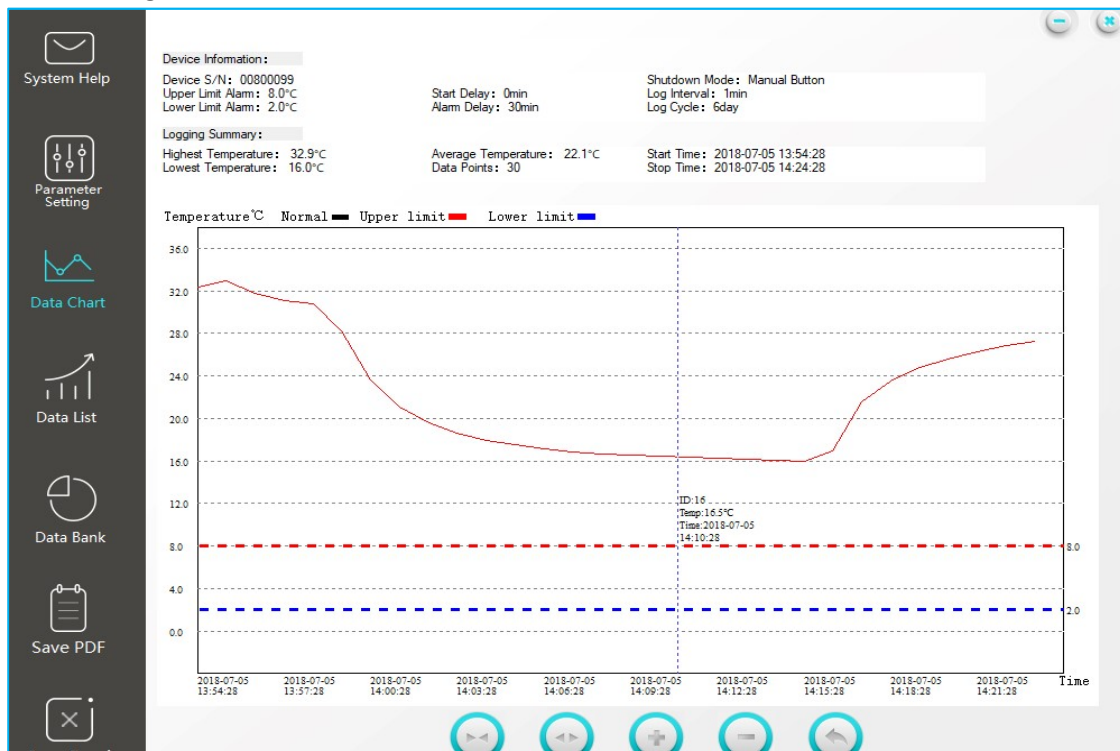
- After completing the above information, click Add button, the system will pop up a success window. Then click yes to make sure the product information is successfully saved and return to the editing interface.
- Please repeat above steps if you want to add more product information. The maximum item you can add is 10 product information.
- Click the delete tick in the corresponding box or double-click this information in the product information display box to delete it.
- Click the corresponding information box or double-click this information to edit the product information. Click update button after you edit it to save the new information.

Note: The bottom of the product information box has a mobile cursor to review the completed information.

d. Product information entry

- Shipping and receiving companies are required information
- The delivery company and the transport number can be filled out according to the customer's requirement
- Delivery date - the default computer time or user set up

4. Data reading



5. Data query

Number	Device S/N	Start Time	Stop Time	Delivery Company	Date Of Delivery	Receiving Comp	Transport Number
☐ 1	000008C1	2017-12-11_17:21:57	2017-12-17_19:33:57	江苏瑞德沃得...	2017-12-11	南京鼓楼医院	
☐ 2	000008C2	2017-12-11_12:07:24	2017-12-11_12:07:24	江苏瑞德沃得...	1970-01-01	江苏省中医...	
☐ 3	000008C2	2017-12-11_12:17:48	2017-12-11_16:30:48	江苏瑞德沃得...	2017-12-11	江苏国药	
☐ 4	000008C2	2018-03-20_14:41:56	2018-03-20_14:41:56	江苏瑞德沃得...	2018-03-20	苏州大学附属...	
☐ 5	000008C5	2017-12-11_17:36:09	2017-12-11_17:36:09	江苏瑞德沃得...	1970-01-01	淮安市第一...	
☐ 6	000008C5	2017-12-11_17:46:29	2017-12-17_19:58:29	江苏瑞德沃得...	2017-12-11	苏州大学附属...	
☐ 7	000008C6	2017-12-11_17:09:37	2017-12-11_17:09:37	江苏瑞德沃得...	1970-01-01	淮安市第一...	
☐ 8	000008C6	2017-12-11_17:20:02	2017-12-17_19:32:02	江苏瑞德沃得...	2017-12-11	苏州大学附属...	
☐ 9	000008C7	2017-12-11_17:44:00	2017-12-17_19:56:00	江苏瑞德沃得...	2017-12-11	苏州大学附属...	

Load << Home page Previous page Next page >> Last page >> 1 / 1 Go

Query

☒ Start Time Start Query Time: 2018-07-06 13:46:11

☐ Stop Time End Query Time: 2018-07-06 13:46:11

☐ Date Of Delivery

☐ Device S/N

☐ Delivery Company

☐ Receiving Company

☐ Transport Number

Query Cancel

6. Data export and save

The screenshot displays a web-based data management interface. On the left is a dark sidebar with icons for System Help, Parameter Setting, Data Chart, Data List, Data Bank, Save PDF, and Save Excel. The main area shows a table of data with columns: Number, Device S/N, Start Time, Stop Time, Delivery Company, Date Of Delivery, Receiving Comp, and Transport Number. A 'Save' dialog box is open in the center, with a green oval highlighting the file path 'C:\IdeastyleData\2018_7_6_13_46_7.pdf' and the 'Save PDF' button. Below the table, there are navigation controls (Load, Home page, Previous page, Next page, Last page, Go) and a 'Query' section with radio buttons for Start Time, Stop Time, Date Of Delivery, Device S/N, Delivery Company, Receiving Company, and Transport Number. The 'Start Time' and 'Date Of Delivery' options are selected, with a date of 2018-07-06 13:46:11 entered.

Number	Device S/N	Start Time	Stop Time	Delivery Company	Date Of Delivery	Receiving Comp	Transport Number
☐ 1	000008C1	2017-12-11_17:21:57	2017-12-17_19:33:57	江苏瑞德沃得...	2017-12-11	南京鼓楼医院	
☐ 2	000008C2	2017-12-11_12:07:24	2017-12-11_12:07:24		1970-01-01		
☐ 3	000008C2	2017-12-11_12:17:48	2017-12-11_16:30:48	江苏瑞德沃得...	2017-12-11	江苏省中西医...	
☐ 4	000008C2	2018-03-20_14:41:56	2018-03-20_14:41:56	江苏瑞德沃得	2018-03-20	江苏国药	
☐ 5	000008C5	2017-12-11_17:36:09	2017-12-11_17:36:09		1970-01-01		
☐ 6	000008C5	2017-12-11_17:46:29	2017-12-17_19:58:29	江苏瑞德沃得...	2017-12-11	苏州大学附属...	
☐ 7	000008C6	2017-12-11_17:09:37	2017-12-11_17:09:37		1970-01-01		
☐ 8	000008C6	2017-12-11_17:20:02	2017-12-17_19:32:02	江苏瑞德沃得...	2017-12-11	淮安市第一人	
☐ 9	000008C7	2017-12-11_17:44:00	2017-12-17_19:56:00	江苏瑞德沃得...	2017-12-11	苏州大学附属...	

Save

C:\IdeastyleData\2018_7_6_13_46_7.pdf

Browser

Save PDF

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Query

☒ Start Time Start Query Time: 2018-07-06 13:46:11

☐ Stop Time End Query Time:

☐ Date Of Delivery 2018-07-06 13:46:11

☐ Device S/N

☐ Delivery Company

☐ Receiving Company

☐ Transport Number

Query

Cancel