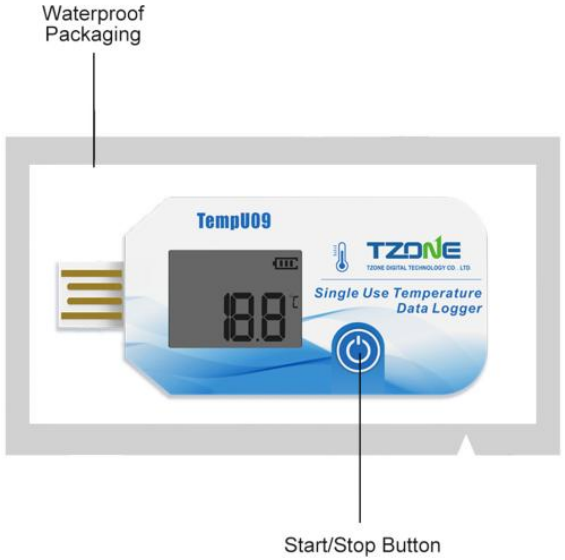
TempU09 Temperature Data Logger Manual v1.2



1 Product introduction

Disposable temperature data logger TempU09 is a simple portable device with LCD screen specially designed for cold chain. This product is mainly used to monitor and record the temperature data of food, medicine, chemical products and other products in the process of storage and transportation. It is widely used in all aspects of warehouse storage and logistics cold chain, such as refrigerated containers, refrigerated vehicles, refrigerated distribution boxes, refrigerated containers ,Cold storage, laboratory, etc.Data reading can be realized through USB interface. After inserting, the report can be generated conveniently and automatically, and no driver needed to be installed when inserting into the computer.

2 Technical parameters

Project	Parameter
Measuring Range	-30°C ~ +70°C
Resolution	0.1°C
Accuracy	±0.5°C (-20°C~+40°C), ±1°C (others)
Data Capacity	32000
Usage	Disposable
Start Mode	Button Start
Recording Interval	10minutes
Start Delay	30minutes
Alarm Range	< 2 ℃ or > 8 ℃
Alarm Type	Single type
Alarm Delay	10minutes
Form of Report	PDF and CSV format data report
Interface	USB2.0 Interface
Protection Level	IP67
Product Size	106mm*55mm*7.3mm
Product Weight	20g

3 Factory default parameters of device

Project	Parameter
Temperature Unit	℃
Temperature Alarm Limit	< 2 ℃ or > 8 ℃
Alarm Delay	10 minutes
Recording Interval	10 minutes
Start Delay	30 minutes
Equipment Time	UTC time
LCD Display Time	1minute
Start Mode	Press button to start

4 Operating Instructions

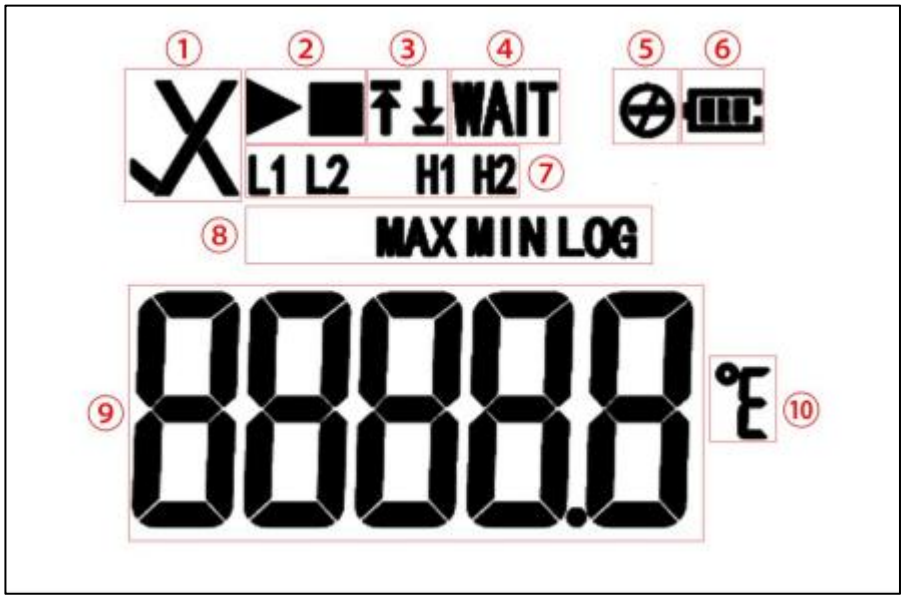
1）Start recording

Record mode is not enabled,long press the button for more than 3s until the screen“► ”or the "wait" symbol is on, indicating that the device has successfully started recording..

2）Stop recording

Record mode is enabled,long press the button for more than 3s until the "■" symbol on the screen lights up, indicating that the device stops recording.

5 LCD display description



1	√Normal ×Alarm	6	Battery Power
2	► In recording status ■ Stop recording status	8	Interface indication
3And 7	Alarm area: ↑ H1 H2 (high temperature alarm) ↓ L1 L2 (low temperature alarm)	9	Temperature value
4	Start delay status	10	Temperature unit
5	Button Stop Mode invalid		

1） Short press the start button to switch the display interface in turn

Real time temperature interface → Data number interface → Temperature maximum interface →Temperature minimum interface.

① Real time temperature interface (initialization state)

② Log interface (record state)

③Temperature max interface (record state)

④Temperature minimum interface (record state)

6 Description of battery status display

Power Display	Capacity
	40%～100%
	15%～40%
	5%～15%
	＜5%

Notice：

The battery indication status can not accurately represent the battery power in different low temperature environment.

7 Computer operation

Insert the device into the computer and wait until the PDF and CSV reports are generated. The computer will display the U disk of the device and click to view the report.