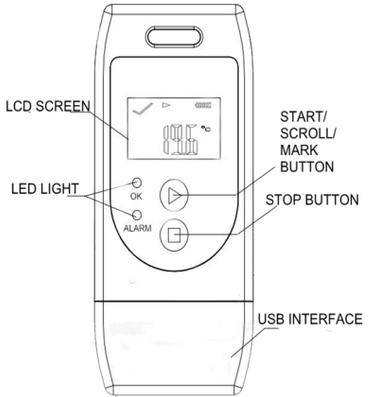
Multi-Use USB Temp Data Logger User Manual



OneTemp pty ltd
measure | control | record

Product Introduction

The device is mainly used to monitor the temperature of food, medicine, chemical and other products during storage and transportation. It is widely used in all links of warehousing and cold chain logistics, such as reefer containers, refrigerated trucks, refrigerated distribution boxes, cold storage laboratory, etc. Compact, light and economical to use. After the recording is completed, insert it into the USB port of PC or computer, it will automatically generate reports without any driver.

Product Features

Item	Parameter
Temp Scale	℃ or ℉
Temp Accuracy	±0.5℃(-20℃ ~ +40℃), ±1.0℃(other)
Temp Range	-30℃ ~ 60℃
Resolution	0.1
Capacity	32,000
Startup Mode	Button or software
Interval	Optional Default: 10 mins
Start Delay	Optional Default: 30 mins
Alarm Delay	Optional Default: 10 mins
Alarm Range	Optional Default: <2℃ or >8℃
Shelf Life	1 year (replaceable)
Report	Automatic PDF and CSV
Time Zone	UTC +0:00 (Default)
Dimensions	83mm*36mm*14mm
Weight	23g

Main Features

- Designed to be multi-use
- Temperature measurement and recording
- Wide measuring range, high accuracy and large data memory
- Statistics available on LCD screen
- No software needed to export data
- Automatically generates PDF report and CSV file
- Programmable software for logging parameters, alarms, and start delay

Operating Instruction

a. Start Recording

Press and hold the "▶" button for more than 3s until that the " OK" light is on and the "▶" or "WAIT" displays on the screen, which indicates the logger is started.

b. Mark

When the device is recording, press and hold the "▶" button for more than 3s, and the screen will switch to the "MARK" interface. The number of "MARK" will increase by one, indicating data was marked successfully.

(Note: One record interval can mark one time only, the logger can mark 6 times in one recording trip. Under status of start delay, the mark operation is disabled.)

c. Page Turning

shortly press "▶" to switch to different display interface. The interfaces shown in sequence are respectively:

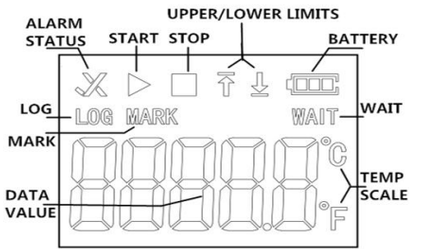
Real-time Temperature → LOG → MARK →Temperature Upper Limit →Temperature Lower Limit .

d. Stop Recording

Press and hold the "■" button for more than 3s until the "ALARM" light is on, and the "■" displays on the screen, indicating stopping recording successfully.

(Note: If the logger is stopped during the status of start delay, a PDF report generated when inserted into PC but without data.)

LCD Display Instruction

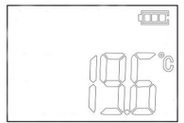


Note:

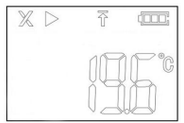
a. If the device is used for the first time or after re-configuration, the real-time temperature interface will be the initialization interface.

b. Real-time temperature interface is update every 10s.

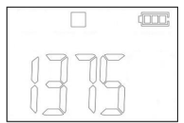
Real-time temp interface



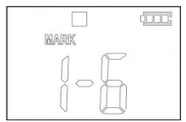
①Initialization



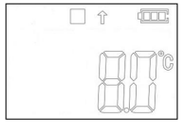
②Above upper limits



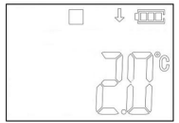
③Log interface



④Mark interface



⑤Upper limit



⑥Lower limit

▶	Data logger is recording
■	Data logger has stopped recording
WAIT	Data logger is in the status of start delay
√	Temperature is within the normal range
“✕” and “↑” light	Measured temperature exceeds its temperature upper limit
“✕” and “↓” light	temperature exceeds its temperature lower limit

Battery Replacement

1. Turn the battery cover counterclockwise to open it.

(Opened status)

2. Put in a new CR2032 button battery with the negative inward.

3. Turn the battery cover clockwise to close it.

(Closed status)

Battery Status Indication

Battery	Capacity
	Full
	Good
	Medium
	Low(please replace batery)

Precautions

1. Please read the manual carefully before using the logger.
2. It is recommended to check the battery status before restarting the logger to ensure that the remaining battery capacity could finish the recording task.
3. The LCD screen will be off after 10 seconds of inactivity. Please press the “▶” button to lighten it.
4. Never dismantle the battery. Do not remove it if the logger is running.
5. Replace old battery with a new CR2032 button cell with the negative inward.