

Innolog Dry Ice



USER MANUAL V1.0

Products Contents

Temperature Data Logger x1
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User Manual x1

Main Function

- Ultra low temperature measurement and recording
- Export data report as PDF/CSV file through USB
- IP66 waterproof
- Alarm function
- LCD display

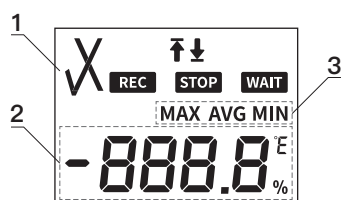
Product Specification

Model	IULogs1
Type	Single use
Sensor	Internal temperature sensor RTD, PT1000
Battery	3.6V lithium battery, 1.2Ah, non-replaceable
Battery Life	30 days (working temperature below -80°C)
Size	104x48x18mm
Working Temperature range	-90~70°C (-130~158°F)
Measuring Range	-90~70°C (-130~158°F)
Accuracy	±0.5°C (-30~30°C) , ±1°C (others)
LCD Resolution	0.1°C/°F
Recording Interval	10 mins (default), Customizable from 5min to 24 hours
Recording Days	30 Days (default), Customizable from 1 to 30 days
Alarm Delay	30 mins (default), Customizable from 1min to 24 hours
Time Zone	Default UTC+00:00, (Customizable)
USB Interface	USB 2.0
Temperature Unit	°C / °F
Memory Maximum	Maximum 8,640 points

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LCD display overview



Overview		
No./ Icon	Function	Instruction
1	Alarm state	✓ : Normal X : Alarm
2	Temperature data	Display the last recorded temperature
3	Record data	MAX: Maximum temperature AVG: Average temperature MIN: Minimum temperature
↑↓	Alarm preset value	The high/low temperature alarm setting
REC	Recording	Logger is recording the temperature
STOP	Stop recording	Logger stopped recording the temperature
WAIT	Delay function	Logger starts alarm delay function

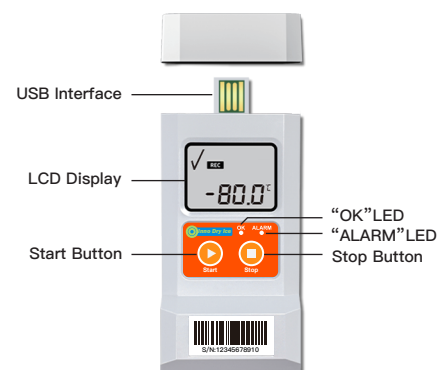
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Display Examples

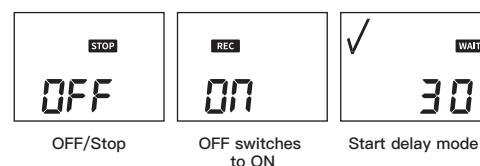
1		The Logger is recording, and there are alarms. The last recorded temperature is 28.4°C.
2		During the data recording, the average temperature is -30.3°C.
3		During the data recording, the minimum temperature is -82.3°C.
4		During the data recording, the maximum temperature is 28.6°C.

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Start Recording



1. Press and hold the button for 3 seconds until LCD display ON to start the data logger in the shutdown status. (If a start delay is set, it will enter the delay state).



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Recording Status Display

Logger Alarm Status:

LCD display X Short press the Start Button and the red LED light will flash once.



Logger No Alarm Status:

LCD display ✓ Short press the Start Button and the green LED light will flash once.



Note:

When the logger is in recording status and there is no operation, the LCD screen will turn off after 1 minute. A short press of the Start or Stop button will wake up the LCD screen.

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Stop Recording

The following three methods will stop the recording.

1. When the logger is in recording mode, press and hold the "Stop button" for 3 seconds to stop recording.



Record stops

2. When the logger is in recording status, plug into a computer or connect with a phone will stop data recording and generate data reports.
3. When the logger is full or reaches the preset recording days, the logger will stop recording.

When the logger is generating a report, the green light continues to flash. When the report generation is completed, the LCD displays USB and the green light is on.



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Note:

1. Please do not press the buttons for an extended period or plug the logger into a computer while in recording mode. Otherwise, it will stop the recording.
2. The first time you plug into a computer, the green LED will flash, indicating that the report is being generated. Please do not unplug the logger to avoid partial data loss or failure to generate reports.
3. If the generated report is incomplete or cannot be opened, please delete the file and plug the logger into the computer or connect with a phone to generate it again.

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