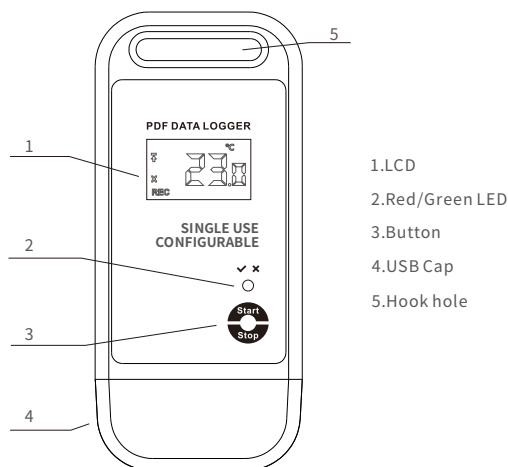


PDF SINGLE DATA LOGGER USER MANUAL

V1.2



INTRODUCTION

Small, light, waterproof and in a food safe, the data logger is ideal for monitoring the temperature/humidity in transport, storage and testing process. Recordings are started and stopped by pressing a button. And then placed into an USB slot on a computer to get PDF report directly without any software and driver.

APPLICATIONS

This data logger is used mainly to monitor and verify temperature/humidity sensitive goods, equipment or areas. Example:
Cold chain, Refrigeration, transportation and food&pharmaceutical.

SPECIFICATIONS

Use Type	Single Use
Data Storage Capacity	17280~30240
Sample Interval	10sec. to 18hours
Shelf Life	2 years
High/Low Alarm	Can be set according to user's requirement
Alarm Delay	From 0 to 960 min.
Alarm Type	Single type; Accumulation type
Start Delay	From 0 to 254min.
Start Mode	Press Button
Stop Mode	Press Button; Memory full; When into USB
Dimensions&Weight	85mmX38mmX12mm; Approx. 20 grams
Standard Compliance	CE, ROHS, EN12830
Communication Interface	USB2.0
Battery	3.6V lithium battery
Configuration Software	PoChain
Warranty	12months
Storage Range	See datasheet
Protection Class	See datasheet
Measuring range	See datasheet
Accuracy	See datasheet

START LOGGING

Press and hold the button for about 3sec. until the GREEN LED lights to start logging. If the GREEN LED doesn't light, please don't use this data logger and user must make sure it's correct to start.
When logging, the GREEN LED will flash once every 10sec. if not any alarm events have happened.
Or the RED LED will flash once every 10sec. if any alarm events have happened.

PLACE AND INSTALLATION

Put data logger in the place or specific environment where you want to monitor and record.
User can also use the 5. hook hole to install or fix data logger.

STOP LOGGING

If the memory full or holding the button for approx. 3 sec. to stop logging. The RED LED will flash twice every 10sec. if any alarm events have happened. The Green LED will flash twice every 10sec. if not any alarm events have happened.

NOTE:

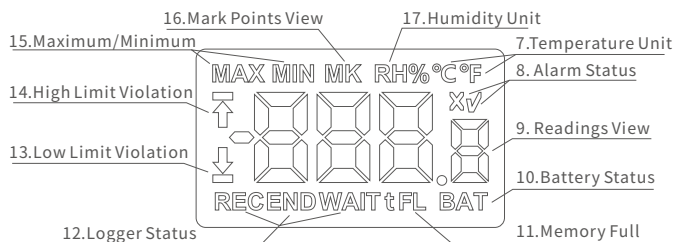
When inserted into PC's USB port, the data logger will stop logging and start to generate PDF document.

GET PDF REPORT

Plug the data logger into an available USB port on a PC. The RED LED will flash and a "PDF" will be shown on LCD when a PDF is generating. When the green LED is always on, it indicates that the PDF file has been generated and USB is displayed on the screen. It may need several seconds (According to logged readings) to finish. And user should wait until the PC find a U-disk called "PDF_DATA", then user can get the PDF report in the U-disk.

VIEW

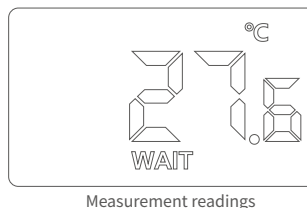
User presses the button continuously to view as below.



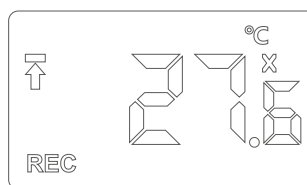
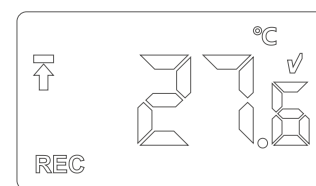
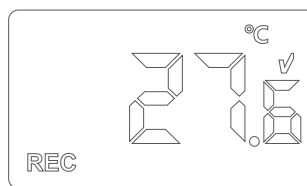
Readings View: measurement readings refreshed every 10 seconds.
REC: Logger is recording. **Note: see this sign to check if logger recording.**
END: Recording finished or stopped.
WAIT: Logger is waiting to start. User can hold the button to start.
°C/°F: Temperature unit. To change using PidifiX software.
RH%: Humidity unit
↑ : High limit violation happened
↓ : Low limit violation happened
✓ : No alarm
✗ : Alarm happened
MAX/MIN: The maximum/minimum recorded readings.
⌚ : Indicate that data logger will delay for set time to start

MK: Logger is in mark mode, user can hold the button to make mark points.
FL: Memory is full and logger stopped.
BAT: Low battery warnings. Please see "BATTERY LIFE" for details.

In Wait Mode



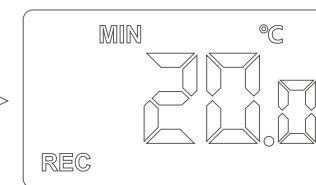
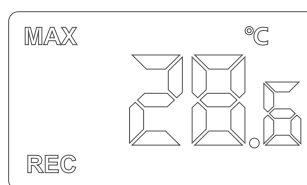
Home Interface



Tips:

1. In view interface, the LCD will return to home interface after 15seconds if not any button operations
2. If not any button operations within 3minutes, the LCD will be off. Click the button to turn on the LCD.

View Interface

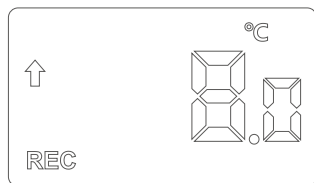


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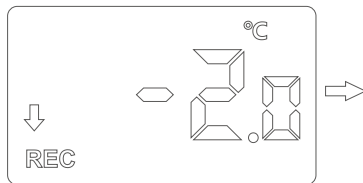
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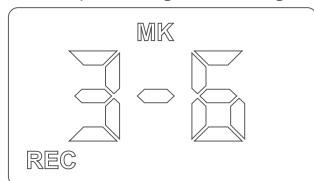
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Temperature high limit settings



Temperature low limit settings



Tips:

1. In "REC" and "MK" interface, hold the button for 3 sec, until the ALARM LED light to indicate one point mark finished.
2. As shown, the "3" indicate the finished mark points, and the "6" indicate the maximum supported mark points.

SOFTWARE CONFIGURATION

Please download the software "PoChain" from website or consult your supplier to get any help. After installation and opening, it will automatically identify the device connected to the computer. Click configure device to enter the configuration interface, which is described as follows:

Channels

-Name: Temperature is temperature channel, Humidity is humidity channel.

-High Limit / Low Limit. To set high and low limit and violation events will happen when exceeding the set limit.

-Alarm Delay. When limit violation events happen, alarm will happen after the set alarm delay time.

-Accumulation. If no, it will be single-type, and alarm will happen after set alarm delay. And if limit violation events removed before this delay, alarm won't happen. If yes, alarm will happen when the total time of the violation events exceeds the set alarm delay.

-Unit: °C/°F. To choose either Centigrade or Fahrenheit temperature.

-External Probe. If data logger needs to use an external probe, select yes.

Sample Interval Time

Choose sample interval, you can choose H, M, and S. The elapsed days will be calculated based on the sample interval and maximum memory capacity.

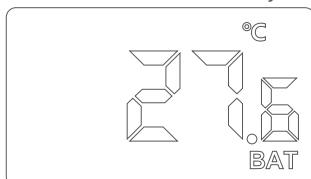
Start Delay

This decide start time actually. Once pressing button to start, data logger will start after the start delay time.

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BATTERY LIFE

This recorder will automatically detect battery power continuously.



In home interface, if BAT shown, it reminds user to check the battery. Don't use again or replace battery if the battery can't meet user's requirements.

Tips:

1. Each time user restarts or configures the logger, the old recorded data will be deleted.

2. After restarting or configure, If not any new recorded data be saved in logger, the logger won't generate new pdf report. if user can see pdf report in u-disk, that is an old report.

Important:

To get professional software, help, or a software that supported FDA 21 part 11 and cloud server, please visit our website or contact local distributors.

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LCD On

For those data loggers with LCD, user can select it to enable LCD display.

Stop by Button

If selected, data logger can be stopped by button.

Note: user uses it to avoid that logger be stopped by wrong operations.

Restart

If selected, data logger can be restarted without software configuration.

Note: once restart the logger, it will delete all recorded data. Before operate this, user has to confirm the data have been saved.

File Type

This data logger can only automatically generate files in pdf format and cannot be selected.

Change Report Information

-Report title: You can name the generated report.

-Trip no.: Number the generated reports.

-Trip Description: Description or notes on the generated report.

Change Time and Time Zone

-Local Time: The software automatically captures the local time of the user's computer.

-Time Zone: User can set time zone according to user's country.

Password

User can set password for current logger. Once password set, user must input right password to access.

Calibration

Click this button to enter into calibration mode. for more details, please contact dealers.

Configure

After finish all settings, click this button to setup.

FILE EXPORT

In the data center or data viewing interface in the "PoChain" software, you can click the export file to save the data downloaded by the recorder in other formats (csv, xls, txt, pdf, cin).

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