

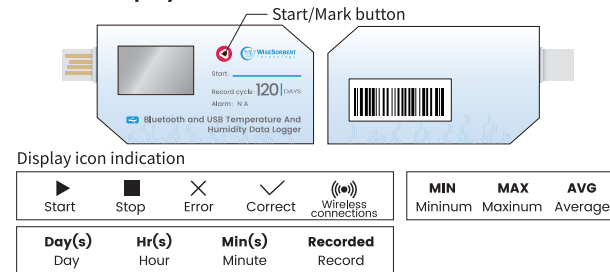
85mm



## Bluetooth and USB Temperature And Humidity Data logger



### Product display



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### Instructions

- Download APP  
Note: If the configuration is not completed, you need to download the APP to perform the configuration operation.
- Configuration parameter  
1. Click the function button to turn on Bluetooth, Search and select the corresponding product ID number in the APP or scan the product ID number to connect.  
2. Fill in and confirm the configuration parameters in the APP.

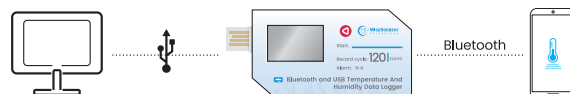


Scan the QR code to download the APP

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- Boot up  
Press and hold the button 5s, until the red and blue indicators are on at the same time.

### 4. Read data report



**Method one:**  
After linking, open the connection-reading interface in the APP, and select the product ID or scan the product ID code to view and share detailed information, graphs and reports.  
**Method Two:**  
Insert the product into the USB interface of the computer, and view the stored data report in the file disk generated by the product.

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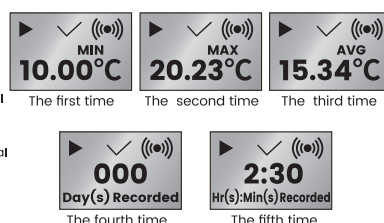
### Operation and status description

- Short press without power on  
After a short press, the screen stays for 5 seconds and goes out. (start bluetooth broadcast at the same time).
- After configuration, short press  
After a short press, the screen stays for 5 seconds and goes out. (No signal display, start at the same time Bluetooth radio).
- When there is a delay, press and hold  
There is a delay to show how many minutes are negative Number Decrements Over Time.
- Press and hold for 5 seconds to boot  
There is no action after booting; the screen remains in this state all the time. Alarm conditions and temperature and humidity data will be displayed according to the actual situation. When the alarm is triggered, the logo always displays x, no matter whether it returns to the threshold range later.

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### 5. After booting, there is a record but no alarm, short press once

Note: After a short press on power-on, it will automatically change every 2 seconds. A total of 5 transformations are: minimum value, maximum value, average value, number of days and time. The previous screen will be restored after five seconds. When the temperature and humidity of the device are changed every 2 seconds, a total of 8 changes are: temperature minimum/maximum/average, humidity minimum/maximum/average, days and time.



Note: (display 000 when the number of days is less than one day)

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- After the memory is full, there is no action to keep this picture  
Alarms are triggered throughout the process x is always displayed behind.



- Short press once when the memory is full  
After a short press, it will automatically change every 2 seconds, a total of 5 times.



The first time



The second time



The third time



The fourth time



The fifth time

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### Configuration parameter description

Sampling interval	The time interval for the product to collect and record a set of data	
Collection delay	The time from start-up to collecting data	
Temperature warning upper (lower) limit	Raise the temperature alarm when the current temperature reading is out of the set range	
Humidity warning upper (lower) limit	Raise the humidity alarm when the current humidity reading is out of the set range	
Alarm type	single	The product performs a single timing of continuous over-temperature
	Grand total	The product accumulates the timing of all the excess parts
Alarm delay	When the temperature enters the over-temperature zone, only start the alarm when the over-temperature duration exceeds the alarm delay.	
Start method	Software start	Automatically start without any operation
	Key start	Need to long press the button to start up
Start-up Time	Product wake-up time after the logger has been booted up	

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### Technical Parameters

Use mode	Single use
Measuring range	-30°C to 70°C / 0-100%RH
Accuracy	Temperature: ±0.5°C Temperature and humidity version: ±0.3°C / ±3%RH
Resolution	0.1°C / 1%RH
Data capacity	32000 Article
Display	LCD display alarm status and data statistics (max, min, avg)
Shelf life / battery	1 year / 3.0v Button Battery (CR2450)
Sampling interval	User configurable (1-225 minutes)
Battery life	90 Day
Communication Mode	USB2.0 (computer), Bluetooth (Cell phone APP)
Product Size	81mm x 39mm x 8mm (L x W x H)
Product weight	about 20g
Protection Grade	IP67
Accuracy calibration method	NIST (optional)
Other	External temperature and humidity probes can be connected, and the temperature range can reach -60°C to 80°C

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### FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device must not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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### WISESORBENT TECHNOLOGY LLC

ADD: 11 E Stow Rd, Marlton, NJ 08053, USA  
TEL: +1-800-272-5238  
EMAIL: info@wisesorbent.com  
WEBSITE: www.wisesorbent.com



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