

# WLogmp1

USER MANUAL V1.0

### 产品内容

温湿度数据记录仪 x1  
校准证书 x1  
说明书 x1  
数据线 x1

### 主要功能

- USB数据导出功能, 可导出PDF/CSV文件
- 可通过Wi-Fi进行基于云的数据上传至Web网页端
- 可通过手机APP进行远程数据监控
- 温湿度报警
- LCD显示

### 产品规格

型号	WLogmp1
设备类型	多次使用
Wi-Fi频段	2.4G 802.11b/g/n
传感器	外部温度湿度传感器
电源	5V DC TYPE-C
电池	AAA*3 1.5V DC 碱性干电池
产品尺寸	75*104*25mm
温度测量范围	-30~70°C/-22~158°F
湿度测量精度	±0.5°C (-20~40°C), ±1°C (其他)
湿度测量范围	0~100%RH
湿度测量精度	±3%RH (20~80%RH, 25°C), ±5%RH (其他)
温度分辨率	0.1°C/°F, 1%RH
记录间隔	默认5分钟, 5~1440分钟, 可设置
启动天数	默认90天, 1~360天, 可设置
启动延时	默认0分钟, 1~1440分钟, 可设置
时区	默认 UTC+00:00, 可设置
数据接口	USB 2.0
温度单位	°C / °F
存储容量	最多28,672数据点

### LCD 显示概述

序号/图标	功能	说明
1	报警状态	✓: 无报警状态 X: 处于报警状态
2	湿度数据	显示当前检测到的湿度数据
3	温度数据	显示当前检测到的温度数据
4	记录数据	显示当前记录数据的最大值/最小值。 当按下按钮切换时显示报警预设值
Wi-Fi 图标	Wi-Fi状态	Wi-Fi已连接时图标常亮 正在配网时图标闪烁。 Wi-Fi未连接时图标常亮
PRESET 图标	报警预设值	提示正在显示报警预设值
REC 图标	正在记录	产品正常记录温湿度
STOP 图标	停止记录	产品停止记录温湿度
WAIT 图标	延时功能	产品启动延时功能
Battery 图标	电池	提示电池电量
USB 图标	USB供电	提示产品使用USB供电
USB Transfer 图标	USB传输数据	提示产品正在传输数据

示例

- 设备已配网, 正常记录工作, 并处于报警状态。当前检测到的温度: -1.9°C, 湿度: 57%RH, 最小值温度: -2.2°C, 湿度: 49%RH, 最大值温度: 5.3°C, 湿度: 68%RH。
- 设备已配网, 正常记录工作, 并处于报警状态。当前检测到的温度: -1.9°C, 湿度: 57%RH, 预设最小报警温度: 2°C, 湿度: 20%RH, 预设最大报警温度: 8°C, 湿度: 80%RH。
- 设备未配网, 正常记录工作, 处于无报警状态。当前检测到的温度: 4.7°C, 湿度: 62%RH, 最小值温度: 3.0°C, 湿度: 52%RH, 最大值温度: 6.3°C, 湿度: 68%RH。

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### Products Contents

WiFi Temperature and Humidity Data Logger x 1  
Calibration Certificate x 1  
User Manual x 1  
USB Cable x 1

### Main Function

- USB data export function, supports PDF/CSV file formats
- Cloud-based data upload to a web portal via Wi-Fi
- Remote data monitoring via APP Logcloud
- Temperature and humidity alarm
- LCD data display

### Specification

Model	WLogmp1
Device Type	Reusable
Wi-Fi Band	2.4G 802.11b/g/n
Sensor	External Temperature and Humidity Sensor
Power Supply	5V DC TYPE-C
Battery	AAA x 3, 1.5V DC Alkaline Batteries
Size	75*104*25mm
Temp Measurement Range	-30~70°C/-22~158°F
Temperature Accuracy	±0.5°C (-20~40°C), ±1°C (Other ranges)
RH Measurement Range	0~100%RH
Humidity Accuracy	±3%RH (20~80%RH, 25°C), ±5%RH (Other ranges)
Display Resolution	0.1°C/°F, 1%RH
Recording Interval	Default 5 min, configurable from 5 to 1440 minutes
Recording Duration	Default 90 days, configurable from 1 to 360 days
Start Delay	Default 0 minutes, configurable from 1 to 1440 minutes
Time Zone	Default UTC+00:00, configurable
Data Interface	USB 2.0
Temperature Unit	°C / °F
Memory Maximum	Maximum 28,672 points

### LCD Display Overview

Overview		
No./Icon	Function	Description
1	Alarm Status	✓: Normal status (No alarm) X: Alarm status (In alarm)
2	Humidity Data	Displays current measured humidity
3	Temperature Data	Displays current measured temperature
4	Recorded Data	Displays Min/Max recorded values. Shows alarm preset values when toggled by the button.
Wi-Fi 图标	Wi-Fi Status	Icon steadily on: Wi-Fi connected Icon flashing: Network configuration in progress. Icon steadily on: Wi-Fi not connected
PRESET 图标	Preset Alarm Value	Display the preset alarm value
REC 图标	Recording	Normal recording in progress
STOP 图标	Stop Recording	Recording stopped
WAIT 图标	Start Delay Mode	Start delay function active
Battery 图标	Battery	Indicates battery level
USB 图标	USB Power Icon	Indicates device is powered via USB
USB Transfer 图标	USB Data Transfer Icon	Indicates data is being transferred via USB

Display Examples

- Device networked, recording normally, in alarm state. Current Temperature: -1.9°C, Humidity: 57%RH, Min Temperature: -2.2°C, Min Humidity: 49%RH, Max Temperature: 5.3°C, Max Humidity: 68%RH.
- Device networked, recording normally, in alarm state. Current Temperature: -1.9°C, Humidity: 57%RH, Preset Min Alarm Temperature: 2°C, Humidity: 20%RH, Preset Max Alarm Temperature: 8°C, Humidity: 80%RH.
- Device not networked, recording normally, in normal state (No alarm). Current Temperature: 4.7°C, Humidity: 62%RH, Min Temperature: 3.0°C, Min Humidity: 52%RH, Max Temperature: 6.3°C, Max Humidity: 68%RH.

### 开机

红色 "ALARM" LED  
绿色 "OK" LED

外置传感器探头  
USB接口

设备关机状态下, 长按 "按钮", LED 闪烁 3 次, 屏幕跳转显示 ON, 设备开机 (如果设置了延时则进入延时状态), 开始记录数据。

OFF/停止    OFF 跳转至 ON    延时模式

注意:  
设备开机后需配网并在 APP 中添加设备后才会开始记录数据, 否则设备 USB 导出的数据会有异常。

### 配网 & 添加设备

1. 扫描下方二维码下载 APP, 并打开手机 APP "Logcloud"
2. 注册或登录已有账号进入 APP "设备", 点击 "+", 添加 WiFi 设备

### 3. 当设备未配网时根据以下操作进行配网:

1. 点击 "未配网, 配置网络", APP 会搜索设备并出现 S/N 码, 与正在配网设备上的 IMEI 码对应, 确认后勾选设备进行下一步。

2. 进入配置 WiFi 界面, 选择 WiFi 并输入密码进行下一步, 完成设备配网并在 APP 中添加了设备。(下图为例, 请以实际 WiFi 名称为准)

4. 当设备已联网时根据以下操作进行添加:  
点击 "已联网, 添加设备", 可扫描设备标签二维码或输入 IMEI 码进行添加。

### Power on

RED "ALARM" LED  
GREEN "OK" LED

External probe sensor  
USB Port

Button

When the device is off, long-press the "Button" for 3 seconds. The LED will blink 3 times, and the screen will switch to show "ON" indicating the device is powered on (if a start delay is set, it will enter the delay mode) and starts recording data.

OFF/Stop    OFF switches to ON    Delay Mode

Note:  
The device will only start recording data after it is connected to a network and added via the app. Otherwise, data exported via USB may be abnormal.

### Network Configuration & Adding Device

1. Scan the QR code below to download the "Logcloud" app.
2. Register or log in to your account. Go to the "Devices" page in the app, tap "+", and select "Add WiFi Device".

### 3. If the device is not configured for network:

1. Tap "Not Network-Please set up". The app will search for devices and display the S/N code. Match this code with the IMEI code on the device you are configuring, confirm, check the device, and proceed to the next step.

2. Enter the Wi-Fi configuration interface, select your Wi-Fi network, enter the password, and proceed to complete the network configuration and add the device in the app. (The image below is an example)

4. If the device is already connected to the network:  
Tap Network "Is set-Add device". You can scan the QR code on the device label or manually enter the IMEI code to add it.

### 记录中状态显示

设备报警状态:  
LCD 屏会显示 "X", 短按 "按钮" 红色 LED 灯会闪烁一次;

设备无报警状态:  
LCD 屏会显示 "✓", 短按 "按钮" 绿色 LED 灯会闪烁一次;

### 结束记录

以下三种方式将会停止记录

1. 设备在记录状态下, 长按 "按钮" 3 秒, 设备会停止记录数据
2. 当设备记录存储满或达到预设天数时, 设备会停止记录数据。
3. 手机 APP 操作设备停止记录。

### USB 数据导出功能

生成报告过程中, 绿灯持续闪烁, 报告生成完成 LCD 显示 USB 并且绿灯常亮。

- 注意:
1. 设备在记录模式下请勿长时间按压按钮, 否则设备会停止记录。
  2. 设备在连接电脑时, 绿色 LED 灯会闪烁, 此时报告正在生成, 请勿拔掉设备造成部分数据缺失或报告生成失败。
  3. 如果生成的报告不完整或无法打开, 可以删除文件, 重新插入电脑或手机再次生成。
  4. 使用 USB 导出数据不会使设备停止记录, 通过 USB 连接电脑会使设备 LCD 持续显示 USB, 这属于正常状态。若想查看设备检测到的温湿度数值请在保存好报告后, 将 USB 移除电脑, 使用该设备供电。

### 更换电池

### 注意:

1. 只能更换 AAA 1.5VDC 碱性干电池, 并保证装入 3 节电池才能正常供电。
2. 请确保电池仓内部正极标记和电池正极对应后再装入电池, 否则可能造成损坏设备。
3. 合上电池门请保证组装到位, 否则可能会导致电池门脱落使电池暴露。
4. 电池只能作为备用电源, 请不要长时间停止 USB 供电, 否则会导致设备断电停止工作。

### Recording Status Display

Device Alarm State:  
The LCD will display the "X" icon. A short press of the button will cause the red LED to blink once.

Device Normal State (No alarm):  
The LCD will display the "✓" icon. A short press of the button will cause the green LED to blink once.

### Stop Recording

Recording can be stopped in three ways:

1. During recording, long-press the "Button" for 3 seconds.
2. When the device's storage is full or the preset recording duration is reached.
3. Stop recording via the mobile app operation.

### USB Data Export Function

During report generation, the green LED blinks continuously. When the report is complete, the LCD displays "USB" and the green LED stays steadily on.

- Note:
1. During recording mode, do not long-press the button, as this will stop the device from recording.
  2. When connected to a computer, the green LED will blink, indicating that a report is being generated. Do not unplug the device during this process to avoid partial data loss or report generation failure.
  3. If the generated report is incomplete or cannot be opened, you may delete the file, reconnect the device to the computer or mobile phone, and regenerate the report.
  4. Using USB to export data will not stop the recording. Connecting to a computer via USB will cause the device's LCD to continuously display "USB", which is normal. To view the temperature and humidity values detected by the device, please remove the USB from the computer after saving the report and power the device using an adapter.

### Battery Replacement

### Note:

1. Only use AAA 1.5V DC alkaline batteries. Ensure three batteries are installed for proper operation.
2. Ensure the positive (+) marks inside the battery compartment align with the positive ends of the batteries before installation. Incorrect installation may damage the device.
3. When closing the battery compartment door, ensure it is securely fastened to prevent it from coming off and exposing the batteries.
4. Batteries are for backup power only. Do not stop USB power supply for extended periods, as this will cause the device to power off and stop working.