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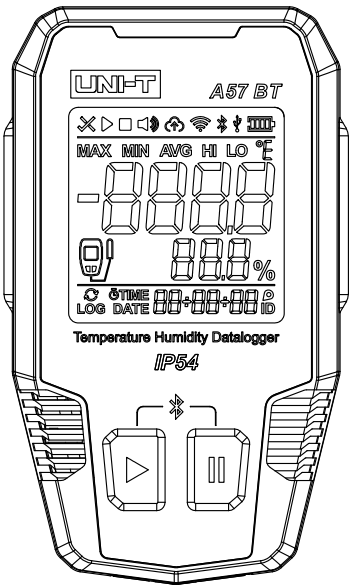

A57 BT
蓝牙温湿度记录仪说明书
Bluetooth Temperature Humidity Datalogger User Manual

P/N:110401112974X

前言

尊敬的用户：

您好！感谢您选购全新的温湿度记录仪，为了正确使用本记录仪，请您在使用前仔细阅读本说明书全文，特别是有关“安全须知”的部分。若您已经阅读完本说明书全文，建议您将此说明书进行妥善保管，最好与记录仪一同放置或放在您随时可以查阅的地方，以便在将来使用的过程中进行查阅。

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目 录

一、概述

A57 BT蓝牙温湿度记录仪（以下简称"记录仪"）使用低功耗微处理器，仪表内部配备温度传感器、外部可选择连接温度探头或温湿度探头测量的数字式记录仪。产品具有高精度、大存储容量、自动记录、时间显示、LED声光报警、可在超低温环境记录、可选测量方式等特点，同时，还支持手机APP和上位机软件，可通过APP或上位机软件修改记录设置、查看数据和导出PDF报告等。本产品能够满足高精度环境温度测量、外部温度探针接触式测量物体内部温度、外部温湿度传感器测量环境温湿度以及各种环境的长时间温度或温湿度记录要求，可广泛应用于食品加工、冷链运输、仓储等多种场合。

二. 特点

- 内置高精度NTC 精准感知温度变化；
- 外部标配2米高精度温湿度探头，让温湿度探测更具灵活性和针对性；
- 可选配一根1米高精度NTC温度探针，满足您的个性化测温需求；
- 宽测温范围，最低可在超低温-40℃环境下使用；
- 大容量存储，最大可记录64000组数据；
- 声光报警直观提示；
- 支持手机APP和上位机软件查看和导出数据报告；
- IP54防护等级；
- 背部自带吸附磁铁和挂墙孔设计，方便用户放置使用；

三. 配置

记录仪----------1台
说明书----------1本
通用文件下载操作指南----------1份
一次性锂亚电池（ER14505）----------1颗
挂墙螺丝----------2颗
膨胀胶塞----------2颗
USB数据线----------1根
温湿度探头----------1根
保修卡----------1张
如发现有部件缺少或损坏，请与您的经销商进行联系

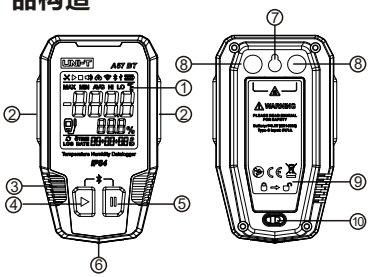
四. 安全须知

在使用本仪表之前，请仔细阅读以下“安全须知”并遵循本操作说明

⚠“警告”表示会对用户造成危险的状况和操作，“小心”表示会对产品或受测设备造成损坏的因素

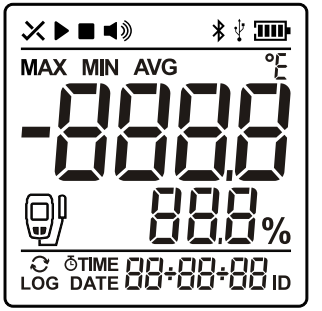
- 使用前请检查仪表和附件，谨防任何损坏或不正常的现象。如发现本仪表壳体已明显损坏，或者您认为本仪表已无法正常工作，请勿再使用本仪表；
- 请勿随意打开仪表以及更改内部接线，以免损坏仪表；
- 请不要在易燃、易爆、强电磁场环境中存放或者使用本仪表；
- 维护保养请使用软布及中性清洁剂清洁仪表外壳，切勿使用研磨剂及溶剂，以防外壳被腐蚀，损坏仪表，更不可用水直接冲洗，以免电路板进水造成仪表损坏；
- 本仪表的维修与服务必须由有资格的专业维修人员或指定的维修部门完成；

五. 产品构造



编号	说明	编号	说明
1	显示屏	6	USB保护盖
2	LED指示灯	7	挂墙孔
3	传感器透气孔	8	磁铁
4	开始键	9	电池盖
5	停止键	10	电池盖开关

六. 显示说明

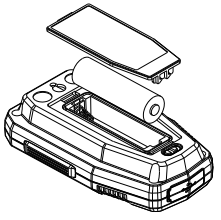


✕	✓未发生报警 ✕已发生报警	℃/℉	温度单位℃/℉
▶	开始记录数据	-8888	温度显示区
■	停止记录数据	888%	湿度显示区
🔊	蜂鸣器	↻	循环记录
ᛒ	蓝牙	LOG	记录组数
ψ	USB连接	⏱	预约记录
🔋	电池电量	TIME	实时时间
MAX	记录数据的最大值	DATE	日期
MIN	记录数据的最小值	88-88-88	副显示区
AVG	记录数据的平均值	ID	设备ID
	选择内置温度传感器；选择外置探头		

七. 操作说明

1. 电池安装

a) 初次使用时，请先装入电池
b) 将电池盖开关右滑可打开电池盖
c) 请按下图示意装入电池并扣紧电池盖



⚠ 注意：

- 装入电池时请注意电池极性
- 必须使用配备的3.6V电池（ER14505 供电，普通的AA电池(1.5V)无法使仪表工作
- 标配的电池为一次性电池，严禁充电

2. 基本操作

▶ 开始键：

- 短按：主显> MAX > MIN > AVG页面之间循环切换
  注：此操作仅在存储数据不为0时有效
- 长按：开启记录数据
  注：此操作在启动方式设置为"按键"时有效
  启动方式设置为"按键"时，如果"重复启动"设置为"禁止"且记录数据不为0时，须先通过
  ② APP读取
  ② 电脑生成报告文件
  ③ 上位机软件读取
  此三种方式中的一种将数据读取出来长按开始键才有效

■ 停止键：

- 短按：屏幕下方副显区会在实时时间> 设备ID > 存储组数> 日期之间循环显示
- 长按：停止记录数据（注：记录状态下有效）

蓝牙打开或关闭：

- 开启：同时长按开始键和停止键，蓝牙图标闪烁
- 关闭：同时长按开始键和停止键，蓝牙图标熄灭
  注：
  ① 蓝牙开启期间不熄屏，5分钟内无连接自动关闭
  ② 蓝牙图标
  a. 闪烁：未连接
  b. 常显：表示已连接

3. 参数设置

a) 记录仪可通过手机APP或上位机软件进行参数设置
b) 各参数具体说明如下：
1. SN: 序列号
2. ID:0~100可设
3. 备注：用户可写入备注信息
4. 温度单位：℃、℉切换
5. 日期与时间：手动或自动设置（跟随系统时间）
6. 自动熄屏：10s~5min可设或常亮
7. 背光灯：屏幕背光开启或关闭
8. 蜂鸣器：开启或关闭（开启时，报警状态成立后蜂鸣器响三声报警，此后间隔1小时重复一次）；
9. LED指示灯：开启或关闭（开启时，报警状态成立后LED红灯闪烁三下，此后间隔1小时重复一次）；
10. 临时PDF:连接电脑时临时报告的生成

a) 开启后，记录仪通过USB线连接电脑时，LED绿灯闪烁，屏幕显示报告生成进度，完成后生成包含PDF和CSV文件的U盘
b) 关闭后，使用USB线将记录仪与电脑连接时，将生成一个空的U盘；
c) 报告查看可通过以下方式：
① 连接电脑生成报告后，直接打开查看；
② 连接电脑生成U盘后，连接上位机软件下载数据后查看；

③ 蓝牙连接手机APP后读取数据查看；

注：若在记录状态下连接电脑或手机，会将连接之前的所有数据生成报告，并且记录仪会继续记录数据，新记录的数据会在下一次连接时生成报告；

生成报告的时长根据存储数据量多少而定，数秒至数分钟不等，最大64000组数据时生成报告时长约8min；

11. 记录模式：

a) 记录满停止：记录满64000组数据后自动停止记录；

b) 循环记录：记录满64000组数据后，再记录的数据覆盖前面的数据。

如第64001条覆盖第1条数据位置，第64002条覆盖第2条数据位置，导出的数据按时间顺序排列；

12. 启动方式：启动记录方式

a) 软件：选择此项后有两种启动方式

① 手机APP"我的设备界面"点击连接时将有"开始记录"选项；

② 连接上位机软件后将有"开始记录"选项；

b) 按键：选择此项后长按开始键开启记录

c) 预约：选择此项后可设置预约启动时间

13. 启动延迟：开始记录的延迟时间，0~240min可设

14. 记录间隔：10s~24h可设

15. 按键停止：允许或禁止（禁止后仅可以通过APP或上位机软件停止记录）

16. 重复启动：是否允许在有记录数据的情况下重新启动记录，启动方式设置为按键时可设；

a) 设为禁止后若记录数据大于0，须先通过手机APP或上位机软件生成临时PDF的方式读取数据后，才能通过按键重新启动；

b) 设置为允许时按键不受限制；

注：重新启动将开启新的记录会删掉机内已存储数据

17. 报警设置：

a) 阈值：记录的数据若超出设置的阈值，将进行报警处理；

b) 类型：单一或累计；

c) 延迟：用于与报警时长作对比来判断报警状态是否成立；

d) 报警设置及结果：

① 单一报警：单一次温度（湿度）达到或超越阈值的持续时间大于等于报警延迟时间，报警状态成立；

② 累计报警：累计温度（湿度）达到或超越阈值时间大于等于设置报警延迟时间，报警状态成立

③ 报警时长：温度（湿度）达到或超过阈值总时长；

④ 报警次数：温度（湿度）达到或超过阈值到恢复或者结束记录算一次。

18. 传感器设置：

三种传感器模式需要在APP或者上位机软件选择对应的模式才能进行测量。

a 内置温度传感器：使用仪表内部温度传感器测量环境温度。

b 外置温度探针：用于测量探针附近温度或探针接触到的物体温度。如果设置完成后没有插入温度探针，LCD显示"Err"。

c 外置温湿度探头：用于测量探头附近环境温度和湿度。如果设置完成后没有插入温湿度探头，LCD显示"Err"。

八. 技术指标和默认配置

1. 技术指标

外置温湿度传感器探头		
温度范围	-40℃ 85℃ (-40℉ 185℉)	
湿度范围	0% 100%RH	
温度	范围	精度
	0℃≤ t ≤60℃	±0.3℃
	-40℃≤ t 0℃	±0.5℃
	60℃ t ≤85℃	
	32℉≤ t ≤140℉	±0.6℉
	-40℉≤ t 32℉	±0.9℉
	140℉ t ≤185℉	
湿度	相对湿度范围	精度
	0%≤ RH ≤90%	±2.5%RH (25℃时)
	90% RH ≤100%	±3.5%RH (25℃时)
内置NTC温度传感器		
温度范围	-40℃ ~ 85℃ (-40℉ ~ 185℉)	
温度	0℃≤ t ≤60℃	±0.4℃
	-40℃≤ t 0℃	±1.0℃
	60℃ t ≤85℃	±1.0℃
	32℉≤ t ≤140℉	±0.8℉
	-40℉≤ t 32℉	±2.0℉
	140℉ t ≤185℉	±2.0℉
外置NTC温度探头		
温度范围	-40℃ ~ 85℃ (-40℉ ~ 185℉)	
温度	0℃≤ t ≤40℃	±0.5℃
	-40℃≤ t 0℃	±1.0℃
	60℃ t ≤85℃	±1.0℃
	32℉≤ t ≤104℉	±0.9℉
	-40℉≤ t 32℉	±2.0℉
	104℉ t ≤185℉	±2.0℉

温度/湿度分辨率	0.1℃(0.1℉)/0.1%RH
LCD	FSTN 可视角6点钟方向尺寸：39x39mm
记录容量	64000组
最大值/最小值/平均值	√
LED指示灯	√
背光	√
蜂鸣器报警	√
上位机软件	√
手机APP	√ （TempLink）
低电提示	√
记录间隔	10秒~24小时（上位机/APP设定，默认15min）
启动方式	按键/软件/预约
熄屏时间	15s±2s（上位机/APP可设置）
USB接口	USB Type-C
USB供电	支持（仅供电，电池不可充电）
电池类型	一次性锂亚电池3.6V 2700mAh(ER14505)
工作时间	2年（常温、记录间隔15min、15s熄屏、关蜂鸣器、关报警指示灯/背光蓝牙不开启）
记录仪悬挂方式	背部磁吸附或挂墙孔
工作温湿度	-40℃ +85℃ ≤99%RH，非冷凝
存储温度	-40℃～+85℃（不含电池）
	-40℃～+60℃（含ER14505电池）
认证	EMC：EN 61326-1:2021,ROHS
防护等级	IP54
重量	约110g
尺寸	62x104x25 mm

注：低温环境下液晶显示可能会出现响应变慢现象，不影响正常测量记录，温度恢复后可正常显示。

2. 默认配置

参数	默认值	参数	默认值	参数	默认值
记录间隔	15min	背光	关闭	自动熄屏	15s
温度单位	℃	临时PDF	开	时间	跟随系统
LED指示灯	关闭	蜂鸣器	关闭	记录模式	记录满停止
启动方式	按键	按键停止	允许	重复启动	允许
记录延迟	0s	ID	0	报警	开启
传感器类型	内置NTC温度传感器				

九. 手机APP或上位机软件下载

1.手机APP下载

可通过以下方式下载手机APP

a)IOS设备请在App Store搜索TempLink 下载；

b)Android设备请在Google Play搜索TempLink下载，或者扫描以下二维码安装：

2.上位机软件下载

a)下载Temperature Humidity Datalogger:

① 请按附带的通用文件下载操作指南下载PC端软件 ；

② 登陆优利德官网https://uni-trend.com在产品中心找到相应型号下载；

十. 使用须知

- LCD上的低电符号 ▭ 在闪烁时，请及时更换电池，以保证仪表的正常使用；
- 本电池ER14505为一次性使用，严禁充电，否则可能会导致电池漏液或对仪表造成损坏；
- 长时间不使用时，请取出电池；
- 仪表显示OL/-OL说明测量的温度已经大于最大量程/小于最小量程；
- 使用手机APP的过程中请不要插入USB或拔出USB,因为插或拔USB时设备会断开蓝牙连接；
- 为避免手机APP和电脑上位机配置冲突，连接电脑上位机时不允许开启蓝牙，若此时进行开启蓝牙的操作，设备会提示“Err”；

本说明书如有变更，恕不另行通知！

本产品介绍书所使用的商品图文信息，实际产品因批次不同，材质和细节上偶有微小差异，敬请谅解，请以收到的具体实物为准；页面中提供的实验数据为理论值，均来自优利德公司内部实验室，仅供参考；客户不可将其作为下单购物的参考依据。特此说明！如有任何疑问可联系客服，进行详细咨询，谢谢！

优利德

优利德科技(中国)股份有限公司

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PREFACE

Thank you for purchasing the new Bluetooth Temperature Humidity Datalogger. In order to use this product safely and correctly, please read this manual thoroughly, especially the Cautions part.

After reading this manual, it is recommended to keep the manual at an easily accessible place, preferably close to the device, for future reference.

LIMITED WARRANTY AND LIABILITY

Uni-Trend guarantees that the product is free from any defect in material and workmanship within one year from the purchase date. This warranty does not apply to damages caused by accident, negligence, misuse, modification, contamination and improper handling. The dealer shall not be entitled to give any other warranty on behalf of Uni-Trend. If you need warranty service within the warranty period, please contact authorized service center or send the product back with problem description.

This warranty is the only compensation you can obtain. Uni-Trend will not be responsible for any special, indirect, incidental or subsequent damage or loss caused by any reason or speculation. As some areas or countries do not allow limitations on implied warranties and incidental or subsequent damage, the above limitation of liability and stipulation may not apply to you.

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1. Overview

A57 BT Bluetooth Temperature-Humidity Datalogger uses low-power microprocessors, equips internal temperature sensors and measures temperature and humidity via connecting external temperature probe or temperature-humidity probe. It features high accuracy, large storage, auto recording, time display, LED sound-light alarm, ultralow temperature recording, optional measurement methods, etc. Meanwhile, it supports to connect with mobile APPs and PC software to modify record settings, view data and export PDF reports. It meets requirements of high-accuracy temperature measurement, internal temperature measurement of target via external probe contact, ambient temperature and humidity measurement via external temperature-humidity sensor, and long-time temperature or temperature-humidity recording in various environments. It is widely used in fields of food processing, cold-chain transportation, warehousing, etc.

2. Features

- Built-in high-precision NTC, accurately sensing temperature changes.
- The external standard 2 meters high precision temperature and humidity probe makes the temperature and humidity detection more flexible and targeted.
- 1 meter high precision NTC temperature probe can be selected to meet your personalized temperature measurement needs.
- Wide range for temperature measurement, support to be used at minimum -40℃.
- Large storage capacity, maximum record 64000 sets of data.
- Audible and visible alarm indication.
- Support to view data and export data report via mobile App and PC software.
- IP54 rating supported.
- Self-carried rear magnetic function and wall-mounted hole, easy to place and use.

3. Configurations

Datalogger ----------1
User Manual----------1
Common Files Download Guideline ----------1
Single-use Li-SOCl2 Battery (ER14505)----------1
Wall-mounted Screws ----------2
Expandable Rubber Plug ----------2
USB Cable ----------1
Temperature and humidity probe----------1
Warranty Card----------1

Please contact your seller if any components are missing or damaged.

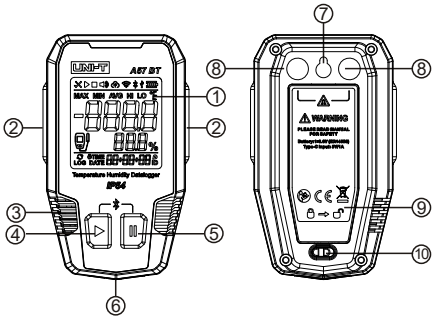
4. Safety

Read the Safety carefully and comply with it prior to using the datalogger.

⚠ "Warning" identifies dangerous situations and operations may cause to users. "Caution" identifies damage factors may cause to product or test equipment.

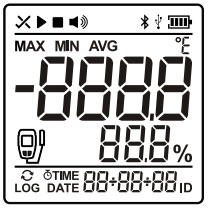
- Check if the device and accessories are damaged or abnormal prior to using. Do not use the device if any obvious housing damage showed or when you think it is fail to work.
- Do not dissemble the device randomly or change internal wirings to avoid damage.
- Do not store or use the device in high temperature, high humidity, flammable, explosive or strong electromagnetic environment.
- Please use soft cloth and neutral detergent to clean the housing. Do not use abrasives or solvent. Do not directly use water to flush it.
- Maintenance and service must be done by the specialized staffs or the specified department.

5. Structure



No.	Description
1	Screen
2	LED Indicators
3	Air Hole of Sensor
4	START Button
5	STOP Button
6	USB Cover
7	Wall-Mounted Hole
8	Magnet
9	Battery Cover
10	Battery Cover Toggle

6. Display

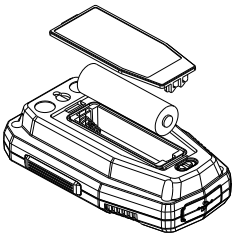


✕	✓:No Alarm; ✕ :Alarmed
▶	Start to record
■	Stop recording
	Buzzer
	Bluetooth
	USB connecting
	Battery status
MAX	Maximum value in data record
MIN	Minimum value in data record
AVG	Average value in data record
℃	Temperature units: ℃/℉
-8888	Temperature display area
888%	Humidity display area
	Loop record
LOG	Number of data record
	Booking record
TIME	Time
DATE	Date
88-88-88	Sub display area
ID	Device ID
	Select the internal temperature sensor Select the external probe

7. Operation

1) Battery Installation

a) Install the battery in the first use.
b) Toggle right to open the battery cover.
c) Install the battery as follows.



Cautions:

- Note the battery polarity when install the battery.
- Use equipped 3.6V battery（ER14505）, and AA battery (1.5V) does not work.
- Equipped battery is one-time, and do not charge it.

2) Basic Operation

▶ START Button:

- Short Press: Loop switch pages of Main Display > MAX > MIN > AVG (Note: The action is only effective when not in 0 data storage.
  Long Press: Start to record data (Note: The action is only effective when sets 'Button' to start. In the 'Button' start way, if set the "Restart" function to 'Disabled' and not in 0 data record, long press START button is only effective when read data through any one in three ways:
  1, App reading
  2, Auto read data/generate files once connect the PC
  3, PC software reading.

■ **STOP Button:**

- Short Press: Loop switch pages of Time > Device ID > Storages > Date on the sub display area, lower side of the screen.
- Long Press: Stop recording data (Note: Effective in record status)

Bluetooth ON/OFF

- Bluetooth ON: Simultaneously long press STRAT and STOP button, Bluetooth icon flashing.
- Bluetooth OFF: Simultaneously long press START and STOP button, Bluetooth icon disappeared.

Note:

① Bluetooth ON with screen always-on will be OFF in 5 minutes if no connection.

② Bluetooth

a. Flashing: Waiting to be connected.

b. Solid Bluetooth: Connected.

3) Parameter Setting

A. Set parameters via the mobile APP or PC software.

B. Parameter details are as follows:

1. SN: Factory No., Serial No.
2. ID: Device ID, 0~100 can be set
3. Note: Note the information
4. Temperature Units: ℃/℉
5. Date & Time: Manual set or follow the system
6. Auto Screen OFF: Solid light or 10s~5min can be set for auto screen off.
7. Backlight: Screen backlight ON/OFF
8. Buzzer: Beeps 3 times in alarming when buzzer ON, and repeats with a one-hour interval.
9. LED Indicators: LED flashes in red for 3 times in alarming when indicators ON, and repeats with a one-hour interval.

10.Temporary PDF: Temporary report generates when connecting computer.

a) With this function ON and connecting computer via USB cable, LED flashes in green, generating process of report showed on the screen, generating a U disk included PDF and CSV files.

b) With this function OFF, using USB cable to connect datalogger with computer will generate an empty U disk.

c) Report viewing ways:

① Directly view the report once computer connected.

② View the report via the PC software downloading.

③ View the report via the Bluetooth connecting mobile App.

Note: If connects datalogger with computer or mobile in record status, all data included the data before connection will be generated into a report, then the datalogger keeps recording data, and the new recorded data will be generated into a report in the next connection.

Report generating duration depends on how many the data stored, in seconds or minutes, maximum 64000 sets of data takes about 10min to generate a report.

11. Record Modes:

a) Stops when records full: Auto stop recording when the data is up to 64000 sets.

b) Loop record: Rerecorded data will cover the previous data when it fully records 64000 sets of data, e.g. the 64001 data covers 1st data, the 64002 data covers 2nd data, and the exported data is chronological.

12. Start-up Ways: Software, Buttons and Booking.

a) Software: Two start ways.

① Select the Software option in the mobile App page “Record Start” to start.

② The “Record Start” option shows when connects the PC software.

b) Buttons: Long press START button to start recording.
c) Booking: Preset the start time here.
13.Delay Start-up: 0~240min can be set to delay the first data recording.
14.Record Interval:10s~24h settable
15.Buttons Stop: Enabled/Disabled. Stop recording can only be done via the App or PC software when this function is set to disabled.
16.Restart-up: Enabled/Disabled. In the condition with data records, only when the button is the start-up way, can the Restart-up function set to enabled or disenabled.
a) When the Restart-up function is set to disabled but with available recorded data, use the button to restart-up only effective after reading data in temporary PDF way via the mobile App or PC software.
b) No limit when the Restart-up function is enabled.
Note: Restart-up will generate new data records and delete the previous stored data.
17.Alarm Settings:
a) Thresholds: Alarms when the data is out of limit.
b) Types: Single/Cumulative.
c) Delay: Used to compare with the alarm duration to judge if it is in alarm status.
d) Alarm Settings and Results:
① Single Alarm: When the single temperature (humidity) is up to or exceeds the threshold duration, ⩾ the delay time of alarm.
② Cumulative Alarm: When the cumulative temperature (humidity) is up to or exceeds the threshold time, ⩾ the delay time of alarm.
③ Alarm Duration: When the recorded temperature (humidity) is up to or exceeds the total threshold duration.
④ Alarm Times: When the recorded temperature (humidity) is up to or exceeds the threshold until to recover or end the record, considered as one alarm time.

18. Sensor Setting:
* The three sensor modes need to be selected in the APP or PC software for measurement.
a) Internal Temperature sensor: Use the internal temperature sensor of the meter to measure the ambient temperature
b) External Temperature Probe: Used to measure the surrounding temperature of probe or the target temperature contacted by probe for display and record. After this function is successfully set, “Err” will show on the temperature display area of LCD when no temperature probe is connected.
c) External Temperature-Humidity Probe: Used to measure the surrounding temperature and humidity of probe for display and record. After this function is successfully set, “Err” will show on the temperature-humidity display area of LCD when no temperature-humidity probe is connected.

8. Specification & Default Configurations

1) Technical Specification

External Temperature-Humidity Sensor Probe		
Temperature Range	-40℃ 85℃ (-40℉ 185℉)	
Relative Humidity Range	0% 100%RH	
Temperature	Temperature Range	Accuracy
	0℃≤ t ≤60℃	±0.3℃
	-40℃≤ t 0℃	±0.5℃
	60℃ t ≤85℃	
	32℉≤ t ≤140℉	±0.6℉
	-40℉≤ t 32℉	±0.9℉
	140℉ t ≤185℉	
	Relative Humidity Range	Accuracy
Relative Humidity	0%≤ RH ≤90%	±2.5%RH (When in 25℃)
	90% RH ≤100%	±3.5%RH (When in 25℃)
Internal NTC Temperature Sensor		
Temperature Range	-40℃ ~ 85℃ (-40℉ ~ 185℉)	
Temperature	0℃≤ t ≤60℃	±0.4℃
	-40℃≤ t 0℃	±1.0℃
	60℃ t ≤85℃	±1.0℃
	32℉≤ t ≤140℉	±0.8℉
	-40℉≤ t 32℉	±2.0℉
	140℉ t ≤185℉	±2.0℉
External NTC Temperature Probe		
Temperature Range	-40℃ ~ 85℃ (-40℉ ~ 185℉)	
Temperature	0℃≤ t ≤40℃	±0.5℃
	-40℃≤ t 0℃	±1.0℃
	60℃ t ≤85℃	±1.0℃
	32℉≤ t ≤104℉	±0.9℉
	-40℉≤ t 32℉	±2.0℉
	104℉ t ≤185℉	±2.0℉

Temperature/ Humidity Resolution	0.1℃(0.1℉)/0.1%RH
LCD	FSTN, six o'clock direction in viewing angle, size: 39.0x39.0mm
Record Capacity	64000 sets
MAX/MIN/AVG	√
LED Indicators	√
Backlight	√
Buzzer Alarm	√
PC Software	√
Mobile App	√ (TempLink)
Low Battery Indication	√
Record Interval	10s 24h (Set through the PC/App)
Start-up Ways	Buttons/Software/Booking
Time of Screen OFF	15s±2s (Set through the PC/App, by default in 15min)
USB Port	USB Type-C
USB Power Supply	Supported (Power supply only, the battery is not chargeable)
Battery Type	Single-use Li-SOCl2 Battery 3.6V 2700mAh (ER14505)
Working Time	2yr (Room temperature, Test interval 15min, 15s screen off, Buzzer off, Indicators/Backlight Bluetooth off)
Hangings Way	Rear magnetic or Wall mounting
Working Temperature and Humidity	-40℃ +85℃, ≤99%RH
Storage Temperature	-40℃ +85℃ (Not battery included)
	-40℃ +60℃ (ER14505 battery included)
Certificate	EMC: EN IEC 61326-1:2021
IP Rating	IP54
Weight	About 110g
Size	62x104x25mm

2) Default Configurations

Parameter	Default Value	Parameter	Default Value	Parameter	Default Value
Record Interval	15min	Backlight	OFF	Auto Screen OFF	15s
Temperature Units	℃	Temporary PDF	ON	Time	Follow System
LED Indicators	OFF	Buzzer	OFF	Record Modes	Stop as Records Full
Restart-up Ways	Buttons	Button Stop	Enabled	Restart-up	Enabled
Record Delay	0s	ID	0	Alarm	ON
Sensor Type	Internal NTC Temperature Sensor				

9. Mobile App/PC Software Download

1) Mobile App Download

To download mobile App as follows

a) For IOS, search and download TempLink in App Store.

b) For Android, search and download TempLink in Play Store.

2) PC Software Download

Download Temperature Humidity Datalogger:

① See the attached Common Files Download Guideline to download PC software.

② Visit UNI-T's https://www.uni-trend.com/ and find the right product model to download.

10. Operating Hints

- Replace the battery when ▭ is flashing on the LCD.
- The battery ER14505 is single-use and do not charge the battery to avoid battery leakage.
- Take the battery out when it is long-time no use.
- OL/-OL showed on the Datalogger means the measured temperature is higher/lower than Hi/Lo range.
- Do not plug or unplug USB during the Mobile App using to avoid Bluetooth disconnection.
- Do not open Bluetooth during the PC connecting to avoid the connection conflict between mobile App and PC, otherwise "Err" shows.

The manual is subject to change without prior notice!

Due to different batches, the materials and details of actual products may be slightly different from the graphic information, please refer to the actual product received.
Experimental data provided in the page is from internal laboratory of UNI-T, but it should not be a reference for customer to place orders. Any questions, please contact the customer service, thanks!

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