

## Advantages



Quick Measurement



High Accuracy



Alarm Function



One Week Standby



°C/°F Unit Available



Energy Saving



## Technical Data

Accuracy	±0.2 degrees	Response time	0.5s
Abnormal automatic alarm	flashing +“Di Di” sound	Charging method	USB charging or battery.
Automatic measurement	measuring distance 5cm ~ 10cm	Input	USB DC 4.2-5V
Standby	About one week	Weight	350g
Install method	nail hook, double-sided adhesive sticking, bracket fixing	Dimensions	170*115*140mm
Operating temperature	10℃~40℃ (Recommend 15℃~35℃)	Infrared measuring range	0~50℃
Standby	5s (Red dot dynamic cycle)	Screen	Digital display

Quick measurement

Accurate feedback

Fever alarm



(2) Mode: Long press mode switch hole for 3 seconds to switch the temperature measurement mode (Sur: surface mode, bod: object mode, Cou: counting mode)



Fig. 11



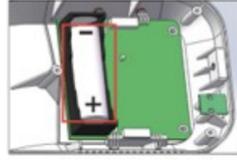
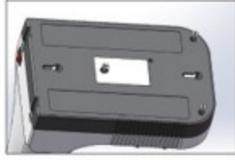
Fig. 12



Fig. 13

3. Install and replace battery

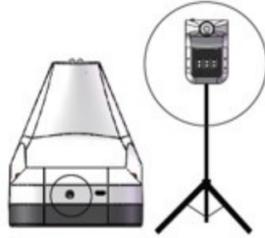
- (1) Remove three screws
- (2) Open the back base and install 18650 Li battery



4. Install method



1.Nail hook



2.Bracket fixing

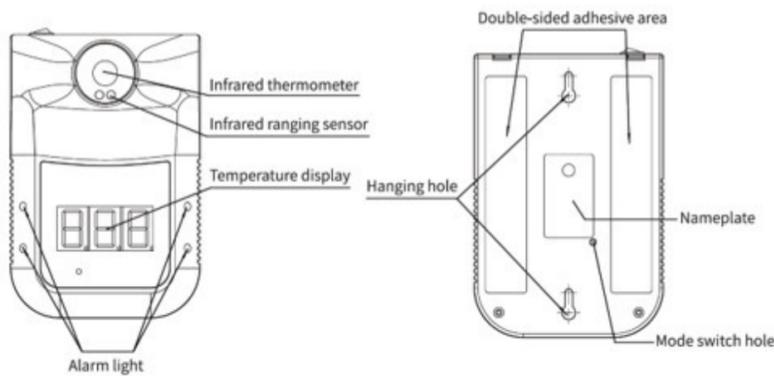
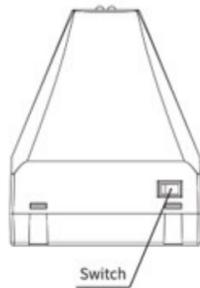
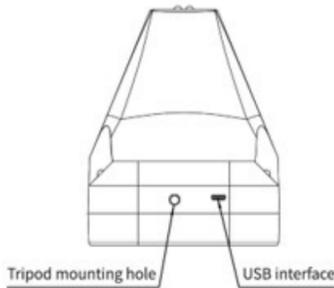


3.Double-sided adhesive sticking

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1. Introduction



2. Specification

1. Accuracy:  $\pm 0.2$  degrees (34~45°C, place it in the operating environment for 30 minutes before use)
2. Abnormal automatic alarm: flashing + "Di Di" sound
3. Automatic measurement: measuring distance 5cm ~ 10cm
4. Screen: Digital display
5. Charging method: USB charging or battery (18650 Li-ion).
6. Install method: nail hook, double-sided adhesive sticking, bracket fixing
7. Environment temperature: 10°C ~ 40°C (Recommended 15°C ~ 35°C)
8. Infrared measuring range: 0 ~ 50°C
9. Response time: 0.5s
10. Input: DC 5V
11. Weight: 350g
12. Dimensions: 170\*115\*140mm
13. Standby: About one week
14. Counting capacity: 999



Infrared Thermometer User Guide



Model: K3

3. Status Description

1. Standby: The red dot in the bottom of the display lights up in turn. (Fig. 1)
2. Insufficient power: The horizontal bar lights up in the middle of the display. (Fig. 2)
3. Normal temperature: Flashing green lights and alarm 'Di'. (Fig. 3)



Fig. 1



Fig. 2



Fig. 3

4. Abnormal temperature: Flashing red lights and alarm 'Di Di'. (Fig. 4)
5. Default (bod: object mode) :  
 'Lo': Ultra-low temperature alarm. (Fig.5)  
 'Hi': Ultra-high temperature alarm. (Fig. 6)



Fig. 4



Fig. 5



Fig. 6

4. Operation Instruction

1. Temperature measurement: Front of the thermometer and approach it within 5-10 cm. (Fig. 7)

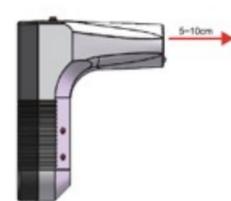
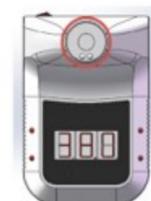


Fig. 7

2. Mode switching: There is a small hole on the back of the device (Fig. 8). You can use a 3mm diameter screwdriver to insert the hole and then press the button.

- (1) Temperature unit: Press 'mode switch hole' then select 'C' or 'F' (Fig.9, 10) C: Celsius  
 F: Fahrenheit



Fig. 8



Fig. 9

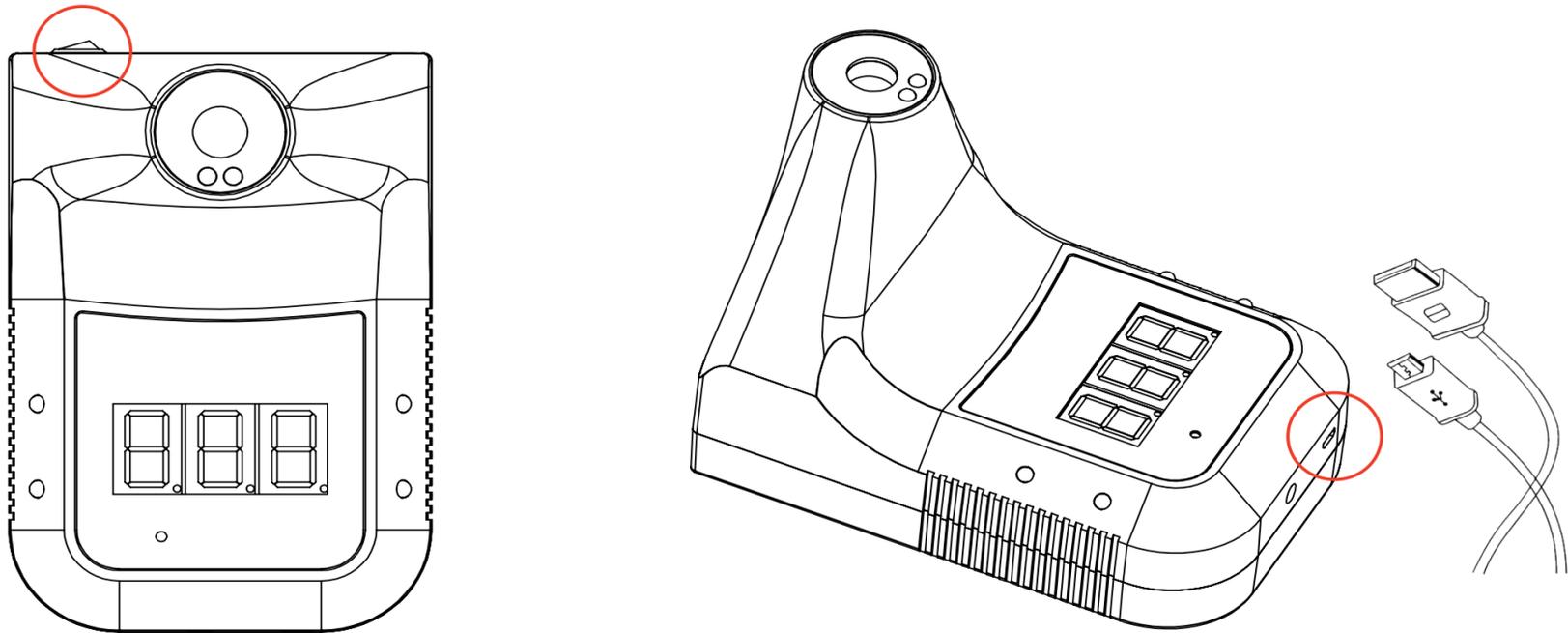


Fig. 10

# K3 Software User Guide

## This software only supports windows system

1. Turn on the top switch of the thermometer, use the data cable to connect with the USB interface of the computer, and install the USB serial port driver.

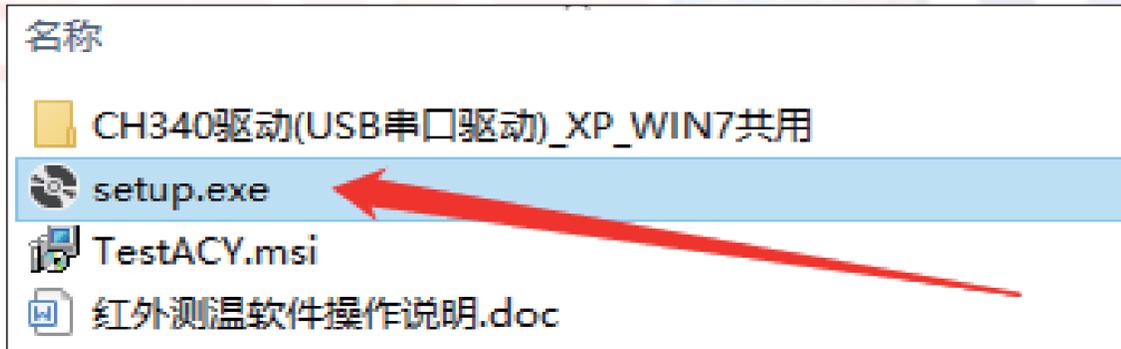


Note: The driver is usually installed automatically. If you encounter an installation failure, you need to manually install the USB driver. The software package contains part of the program dependent files. Changes will cause errors in the program. Please check the following instructions carefully.

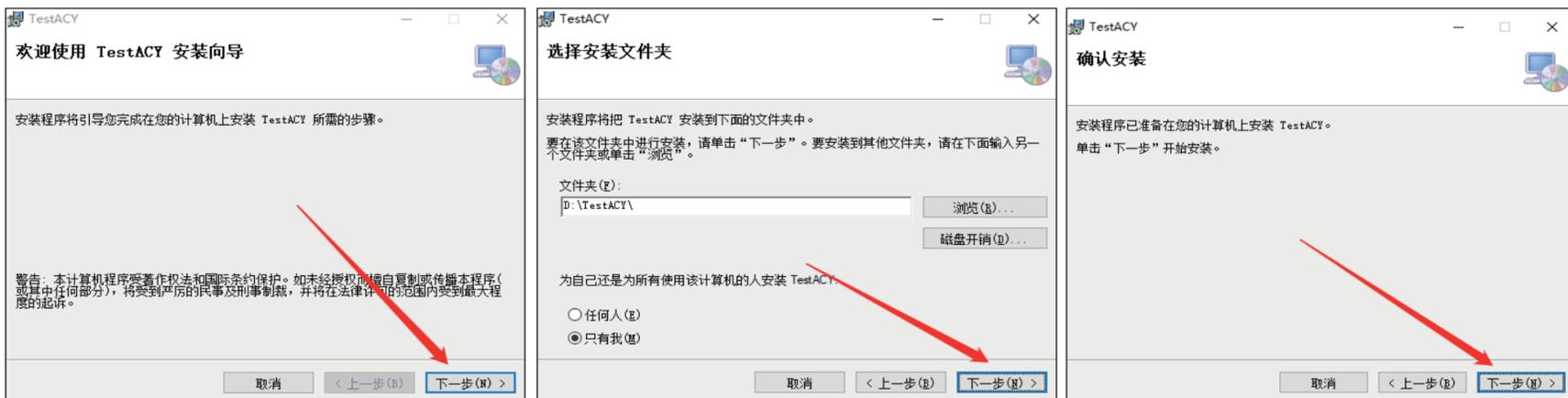
### 2.2. Operation process

Download path abroad:

- (1) Open the installation package folder and double-click the Setup.exe icon



- (2) When the software is opened for the first time, a prompt dialog box of "Control Registration Successful" will pop up normally, click the "OK" button

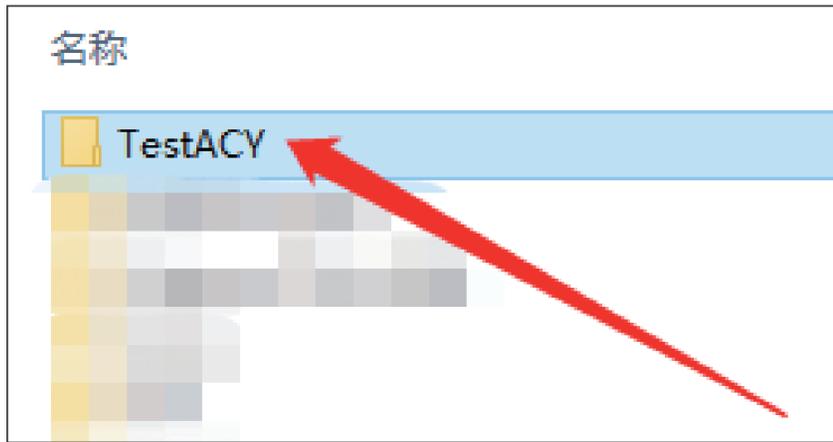


1. Click "Next"

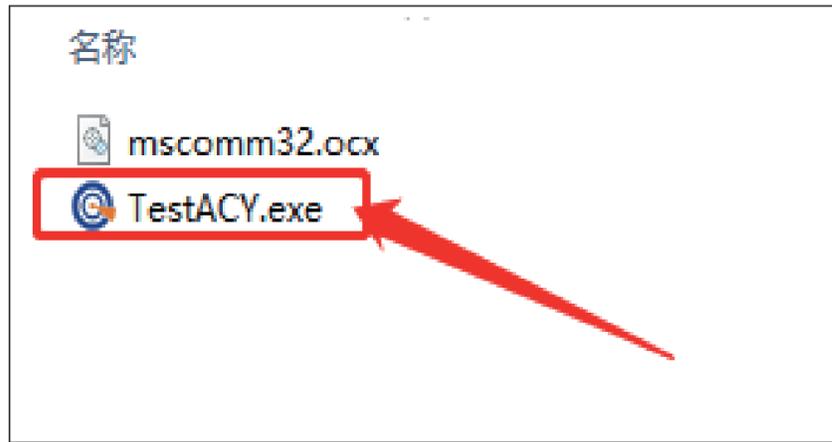
2. Install to the default folder,  
Click "Next"

(3) Click 'Next' until the installation  
is complete

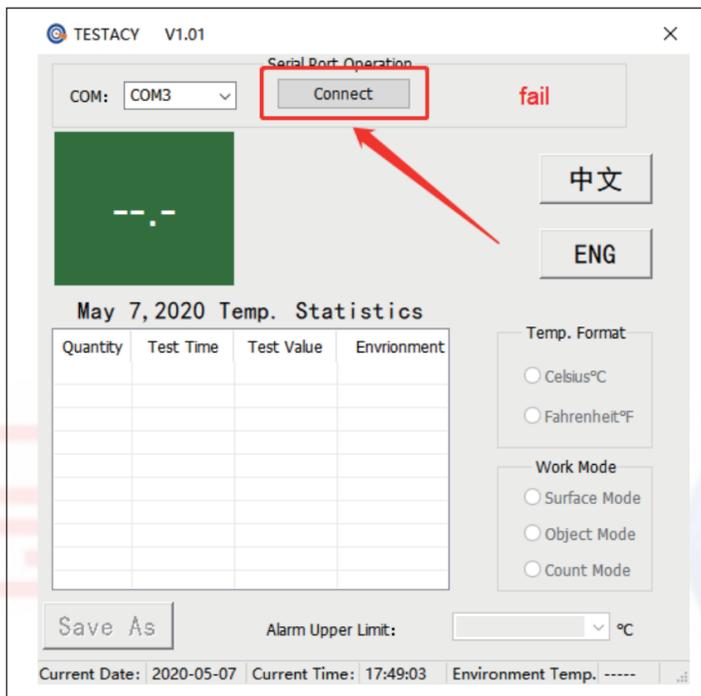
(3) Open the default installation path (default installation path: D drive \\ TestACY folder)



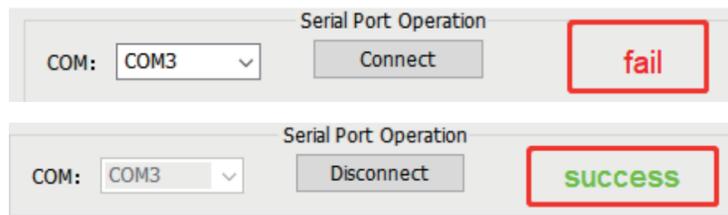
(4) Double-click the software start up icon "TestACY"



(5) The main page of the software automatically pops up. After confirming that the thermometer is turned on and successfully installing the driver, click "Connect"



(6) "Fail" will change to "success"



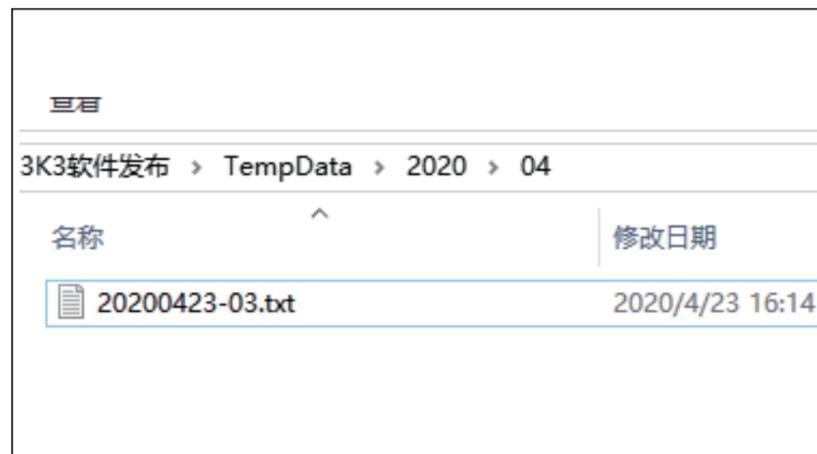
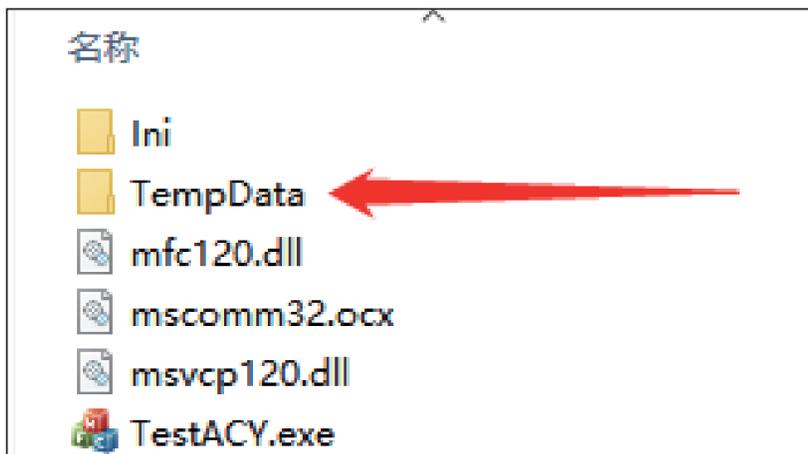
Completing this step means normal connection, then temperature measurement data can be imported into the computer in real time.

Note: 1. Open the software, it will automatically find the COM port, if the COM port displayed by the software is different from the computer resource manager, it will not work properly, please manually set the serial port to the corresponding serial port of the resource manager.

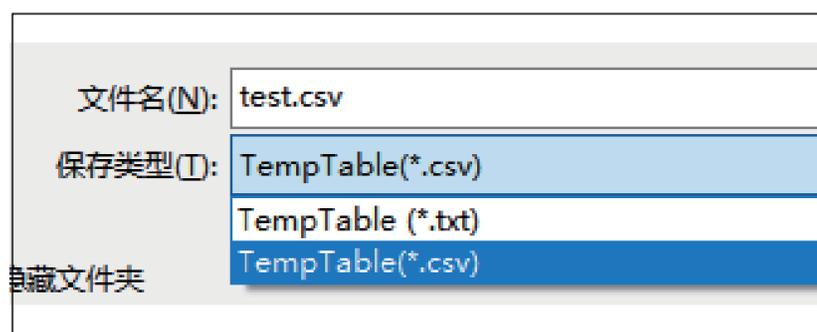
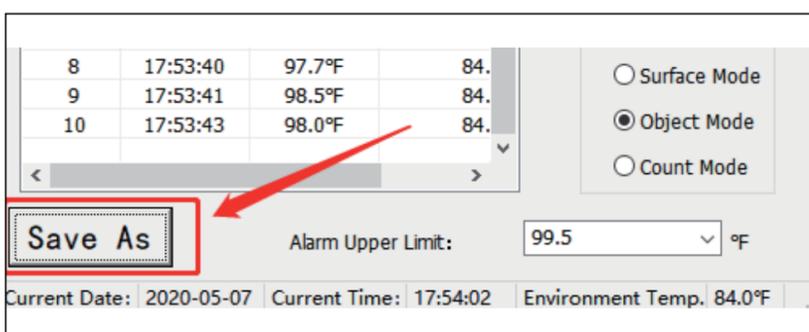
2. After the thermometer is turned off and then on again, you need to click "Disconnect" and then click "Connect" to display success to run normally, or close the software and open the software again. This step is to refresh the connected serial port and the data will be continued, Otherwise it will be impossible to read the data.

### 3. Data viewing and export

1. [Text Data View] The "Quantity, Time, Measured Temperature, Environmental Temperature" data that will be generated after using the thermometer, the folder "TempData \\ year \\ month \\ " will be automatically generated in the software package by Year Month Day sequence recording, the format is "TXT" text.

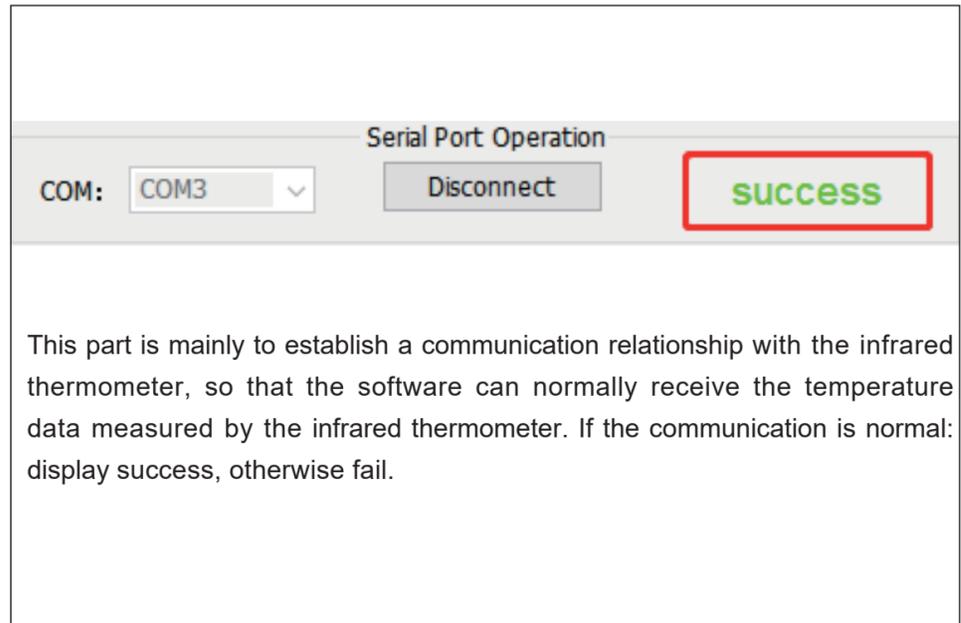
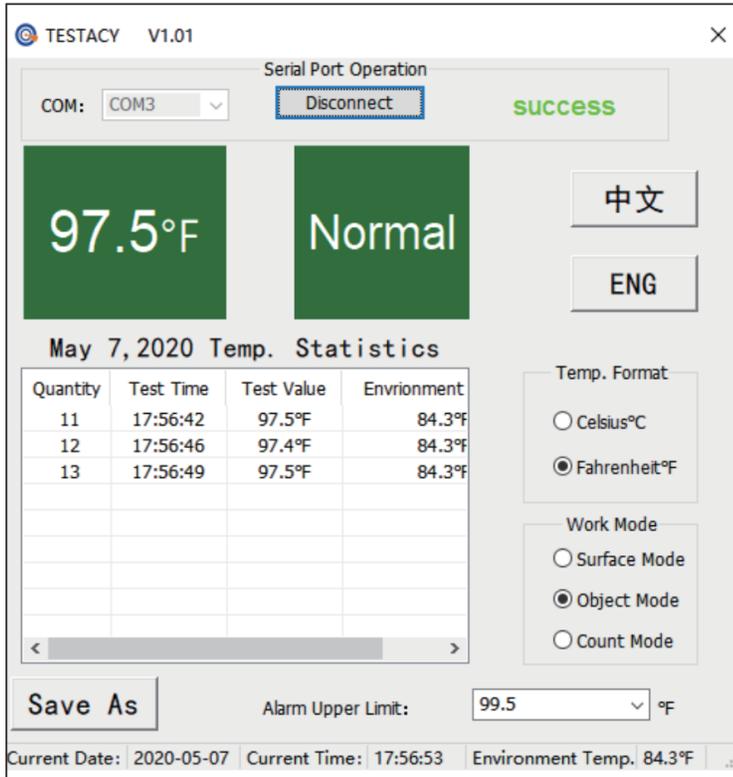


2. [Excel Data View] Click "Save As" on the software panel and select "CSV format" to export the Excel file format



4、Software Introduction

(1) Software name: TESTACY



This part is mainly to establish a communication relationship with the infrared thermometer, so that the software can normally receive the temperature data measured by the infrared thermometer. If the communication is normal: display success, otherwise fail.

When the software just opened and not received the data sent by the infrared thermometer, "--." will be displayed.



(4) Display Chinese interface

(5) Display English interface



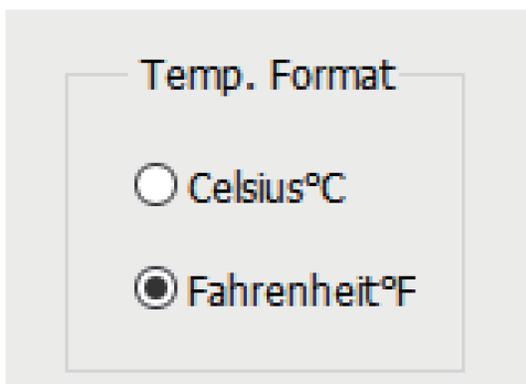
(6) Record the measured temperature data of the

day, including the measured quantity, the test time and the measured temperature corresponding to each measurement object.

May 7, 2020 Temp. Statistics

Quantity	Test Time	Test Value	Environment
5	17:57:08	97.6°F	84.
6	17:57:09	97.6°F	84.
7	17:57:11	97.6°F	84.
8	17:57:13	97.5°F	84.
9	17:57:14	97.5°F	84.
10	17:57:16	97.6°F	84.
11	17:57:18	97.6°F	84.
12	17:57:19	97.6°F	84.

(7) The user can choose the temperature display format as needed.



(8) The user can choose the temperature test mode as needed.

