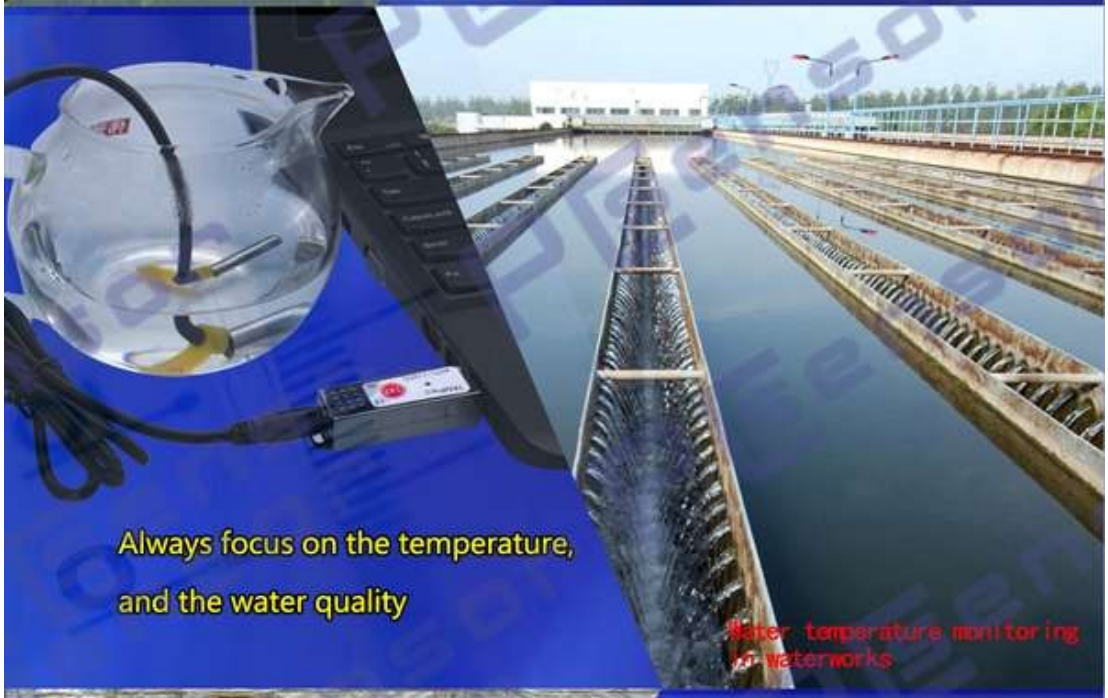
1. Description

TEMPer2 thermometer is a measurement device using USB port to connect to a computer. It has two sensors, one is inside and another is extended outside by a cable. The two sensors can test temperature at a same time and the outer sensor is protected from water. It can measure the temperature of the machine and the environment accurately. It must be connect to the computer to start working. TEMPer2 can be use in computer room, weather, environment and special environment temperature testing.


The right environment temperature is necessary to a long stable operation and low failure rate of a computer
Die-casting and electroplating shell, high-end and beautiful
Temperature range: -40+125℃
TEMPer2
-40°C~+125°C
TXT
Temperature monitoring in computer room and storage


Always focus on the temperature, and the water quality
Water temperature monitoring in waterworks


Modern planting needs science and technology. Temperature monitoring will raise survival rate in greenhouse !
PCsensor

Die-casting and electroplating shell, high-end and beautiful

The jackfield in the end, allows to test temperature connecting the external probe.

Mounting hole in the end, test the surface temperature easily.

Model : TEMPer2

TXT:The button controls the starting/ending of reading data.

Anti-fake mark on the back

Corporate logo

2. Packing specification

Name of the part	Specification	Quantity
TEMPer2	50*17.5*7.2mm; 22g	1
Driver CD	3.5inch	1
Sensor	cable length : 1m	1
Product VerificationCertificate	-	1

(NOTICE: In order to reduce the volume of goods and reduce the freight, and sometimes we will get rid of plastic packaging products)

3. Function & Feature

l Range of measuring: TEMPer2 -40~+125 C; -40~+257F;
l Resolution rate: 0.06C
l Precision: ± 2C;
l Electricity:< 5mA;
l Support Windows NT,XP, VIST;
l Memory requirement: 20M
l Data auto save to be txt Or csv form, can be open by excel;
l Send mails function
l Graph transfer function

New Function

TXT Special button:

As long as you long pressing the TXT button for 1 seconds, you can read the temperature no matter in excel, text or word form without running software. If to stop the reading, press the TXT button again . Easy operation! Solve your installed software and cross-platform used troubles!

Caps lock and Num Lock:

You don't want to install software, OK! You can use the Caps lock and Num lock function.

As long as you long press the caps lock or num lock for 3 seconds, you can read the temperature no matter in excel, text or word form without running software. Then you can create curve.

CAPS LOCK:ON/OFF/++ FW:1.3				
NUM LOCK:OFF/ON/-- UNIT:C				
DATE	TIME	INSIDE	OUTSIDE	
2012-9-17	17:27	31.81	31.69	1S
2012-9-17	17:27	31.81	31.56	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.56	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.69	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.63	1S
2012-9-17	17:27	31.81	31.69	1S
2012-9-17	17:27	31.88	31.56	1S
2012-9-17	17:27	31.88	31.63	1S
2012-9-17	17:27	31.88	31.69	1s

4. Installing instruction (Note: Our software only support windows system .)

Software installing instruction: please go to our website to download the process

a) Don't need to the USB driver

b) Install dotnetfx.exe, if your computer system is Vista, may be you don't need to install this process. Dotnetfx.exe is framework 2.0 of Microsoft, you can download it from the website of Microsoft;

c) Decompress TEMPer.rar to you computer, and running TEMPer2.exe.

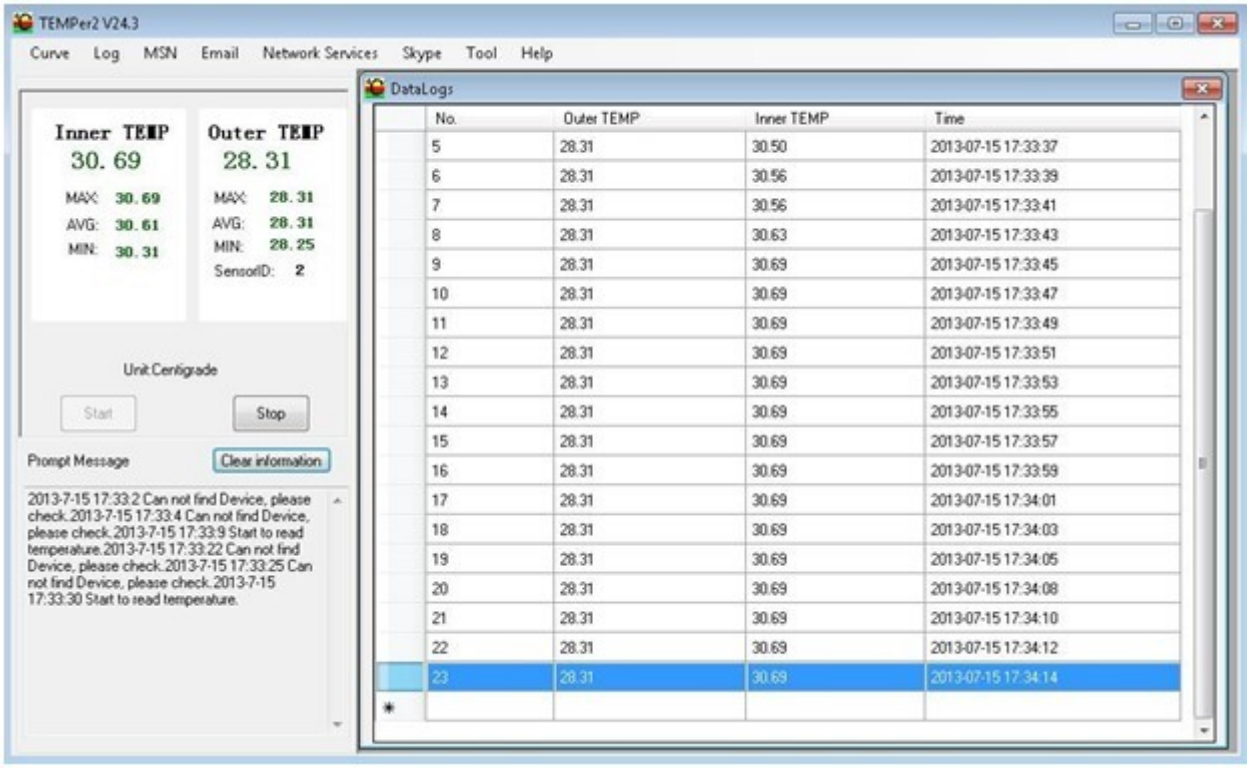
Hardware installing:

Plug the thermometer into the USB port of the computer to connect it and running the TEMPer2.exe.

5. Operating instruction

1) **LOG**

Record the Real-time Temperature Data and Save Them in the Related File Automatically. (see picture4)

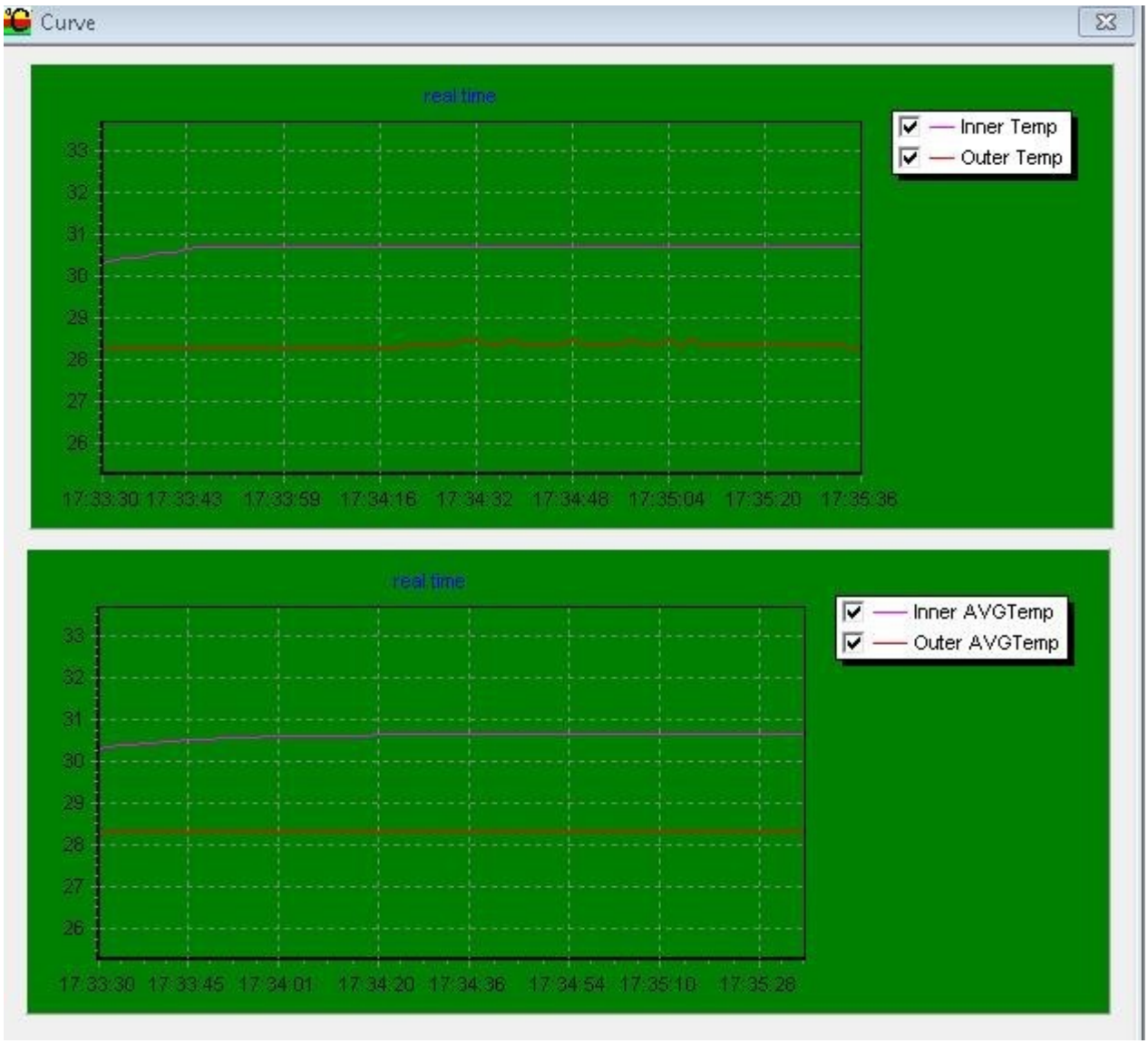


Picture 4 LOG

2) CURVES DISPLAY

There is Two Curves, One is AVG Line and the Other is Current Line. The User can Check the Situation of Temperature Contrastively. The Curves can Real-time Display the Changing Situation of Temperature. The Tendency of Curves Responds the Real-time Temperature Situation. (see picture3)

ADVISE: Please Check the Log or Data File in Save Contents When You Want to Check the Historical Data.



Picture 5 Curve

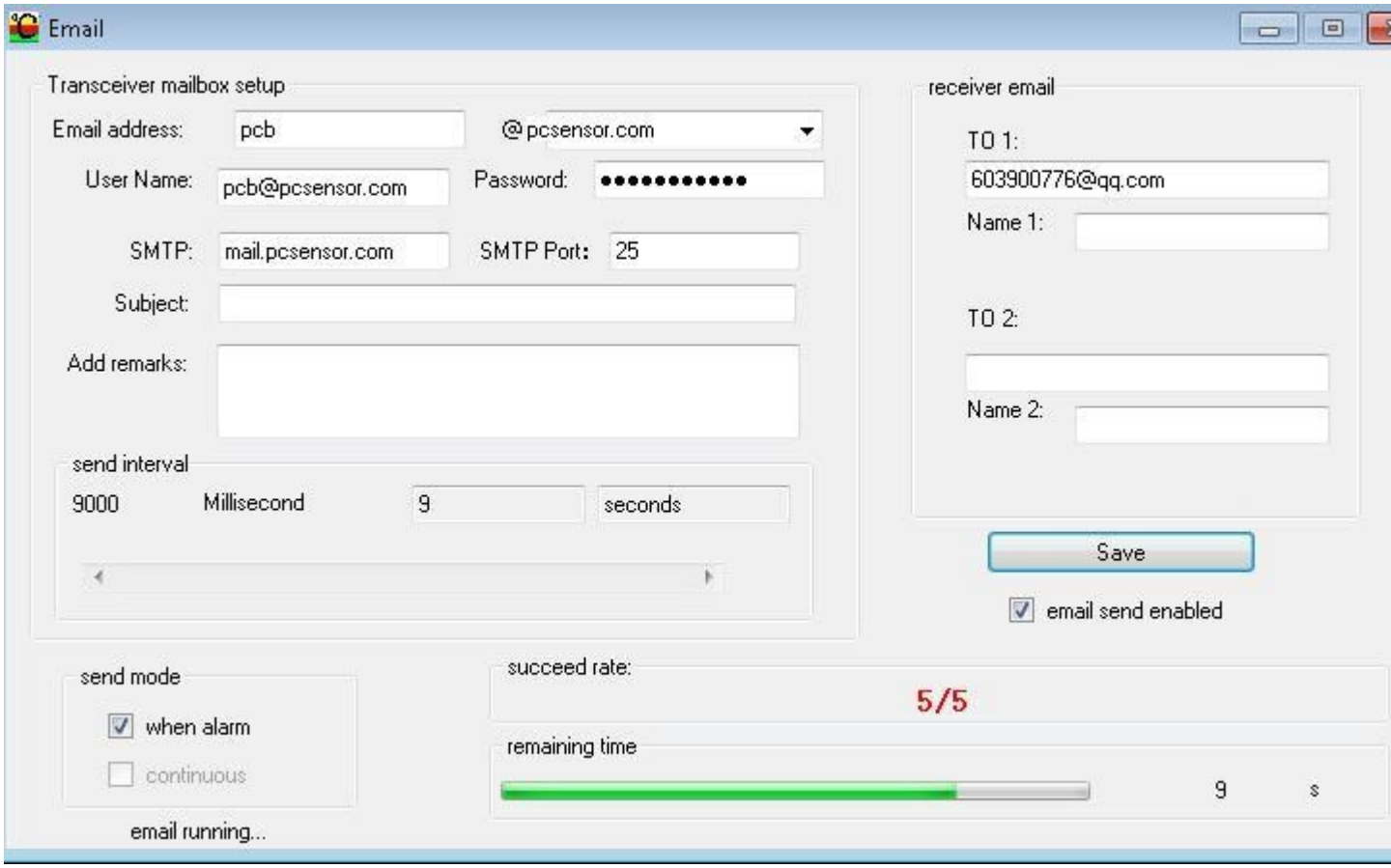
3) MSN FUNCTION

After the MSN User Log in, His Friends can Operate by Related Tips and Obtain the Temperature Data. Your Friends can obtain the Temperature Data Automatically When He Send “1”in According with Tips. The Temperature Data Including: Real-time Temperature, Maximum Value, Minimum Value and Average Value. (see picture 5)

Picture 6 MSN

5) EMAIL FUNCTION

Fill in the Related Information of Email and Save it. The Requirement of Send Email: Support POP3/SMTP and Other Server Port. Receive Email you can fill in two. Related Function: 1) when the Alarm is on, it will send the Email to Specified Email Box Automatically if the Temperature Reach the Alarm Limit. 2) You can set the Sending Interval, and then it will send the Email to the Specified Mail Box at Set Intervals. (Advise) 3) it can Send Email Continuously to the Specified Mail Box. (Deprecated feature) (See picture 7)

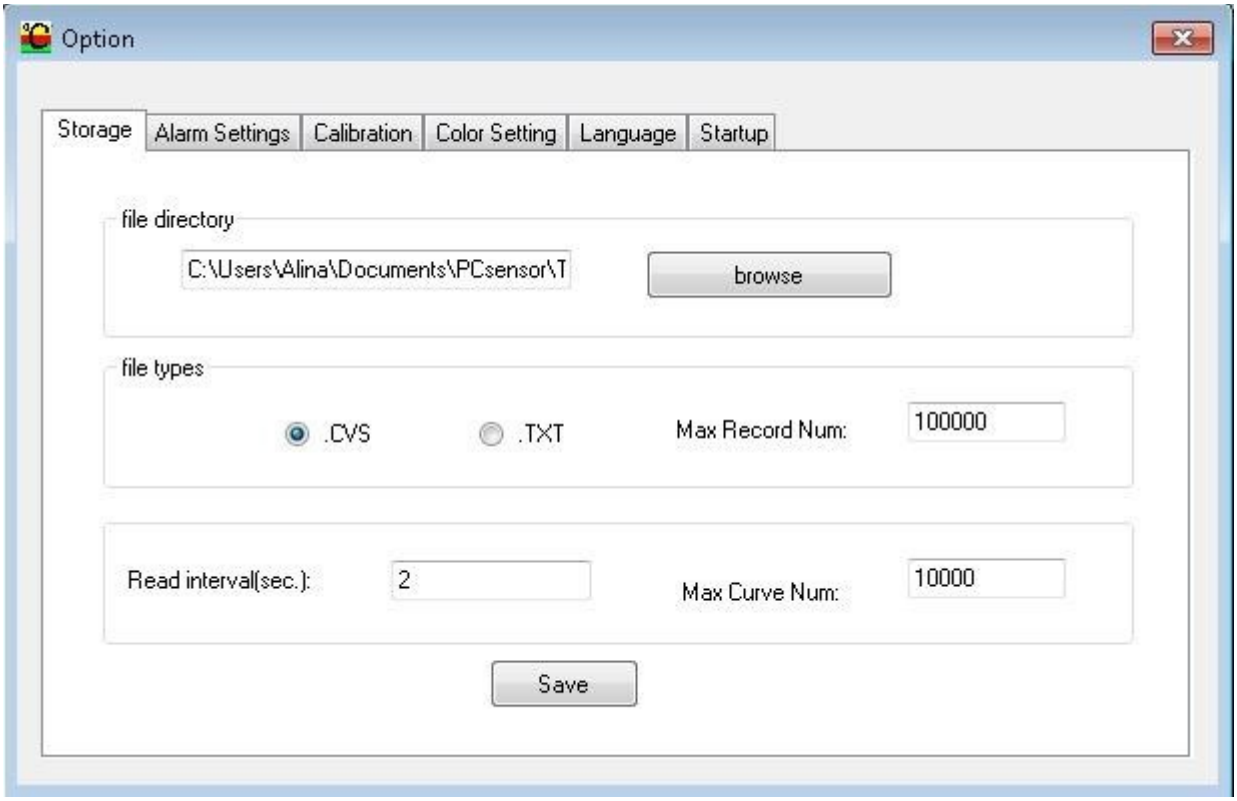


Picture 7 Email

6) THE SAVING SETTING OF FILE

Select “Tool->Option->Memory Setting” then you can Set the Saving File Catalog, File Type and the Maximum Record

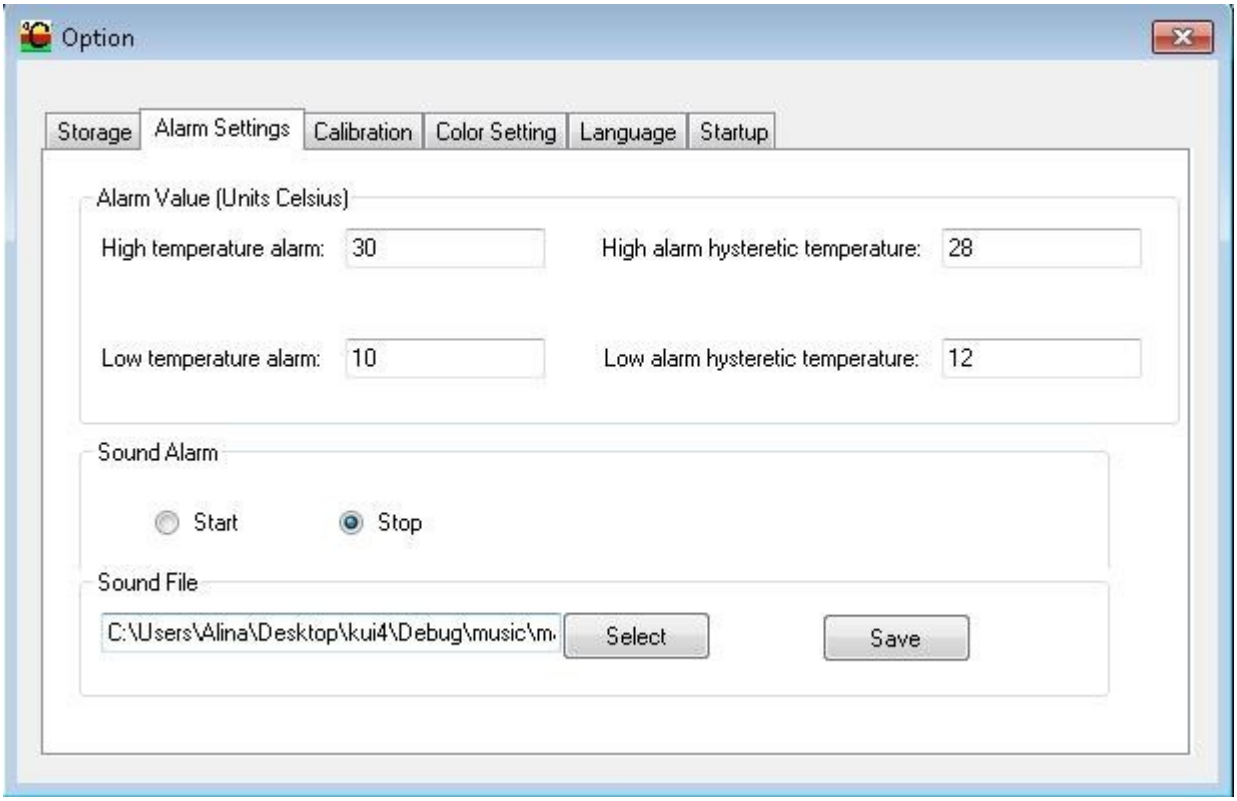
Count the File can Save. (see picture8)



7) THE ALARM SETTING

Set the Temperature of Alarm and Open it. When the Temperature Reach the Higher Limit, the Voice of Alarm will Play, and it will Stop when the Temperature Drop to the Lower Limit.

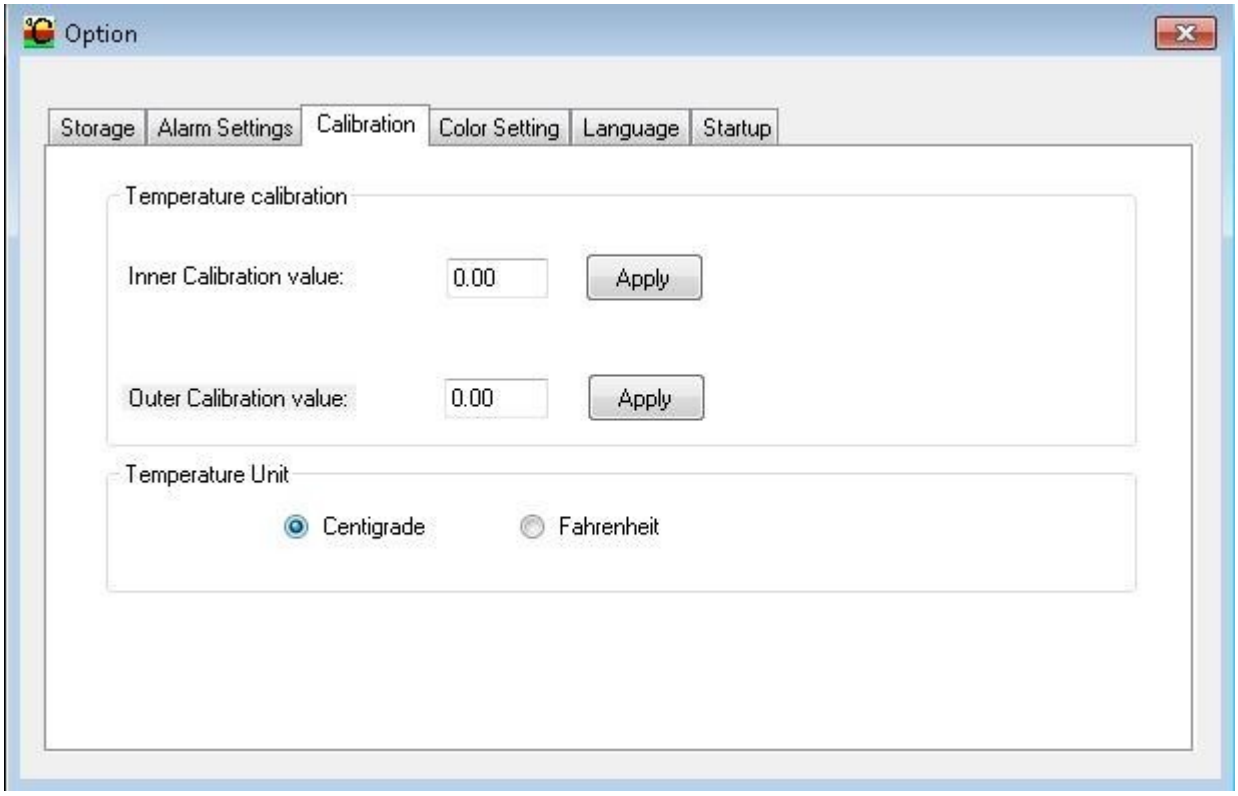
Select “Toll->Select->Alarm” (see picture 9)



See picture 9

8) TEMPERATURE CORRECTION and UNIT SELECTION

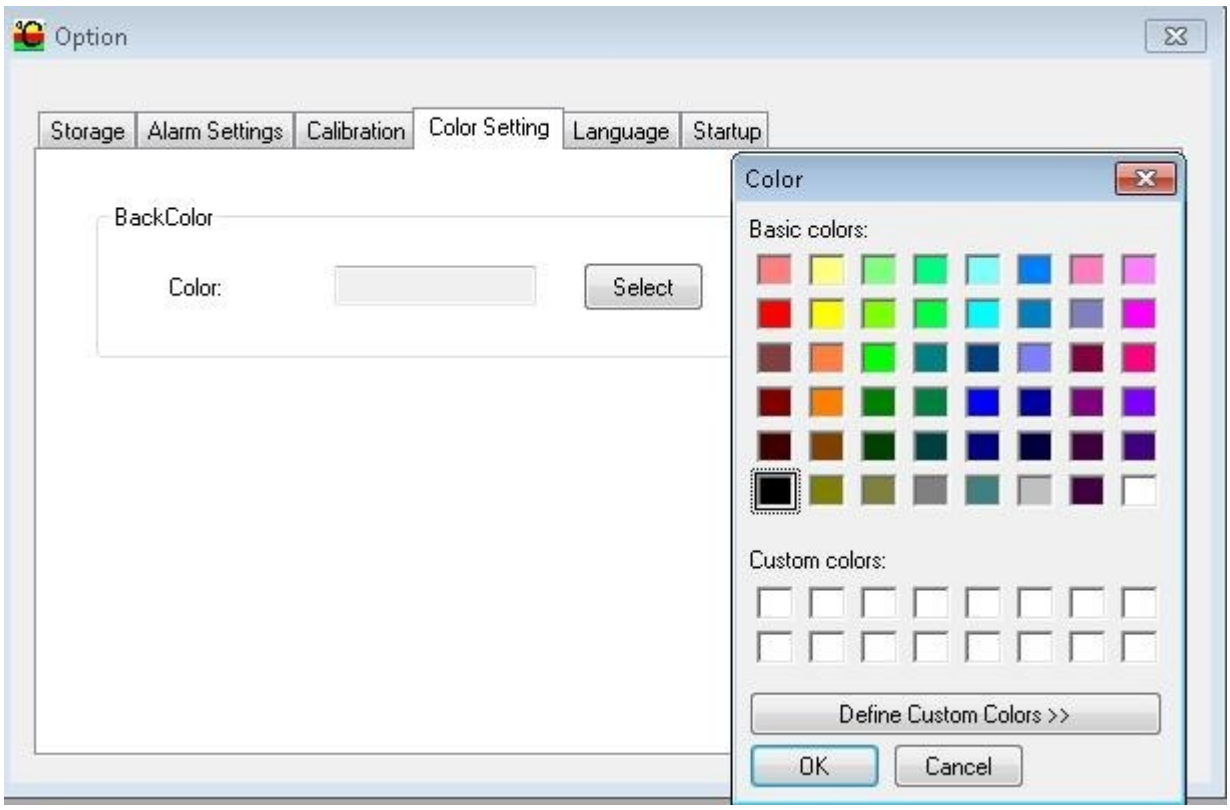
When a Small Deviation occurs between the Displaying Temperature and the Actual Temperature, you can correct it through this Function. And you can select the unit of the temperature. (See picture 10)



See picture 10

9) CHANGE THE COLOR OF BACKGROUD

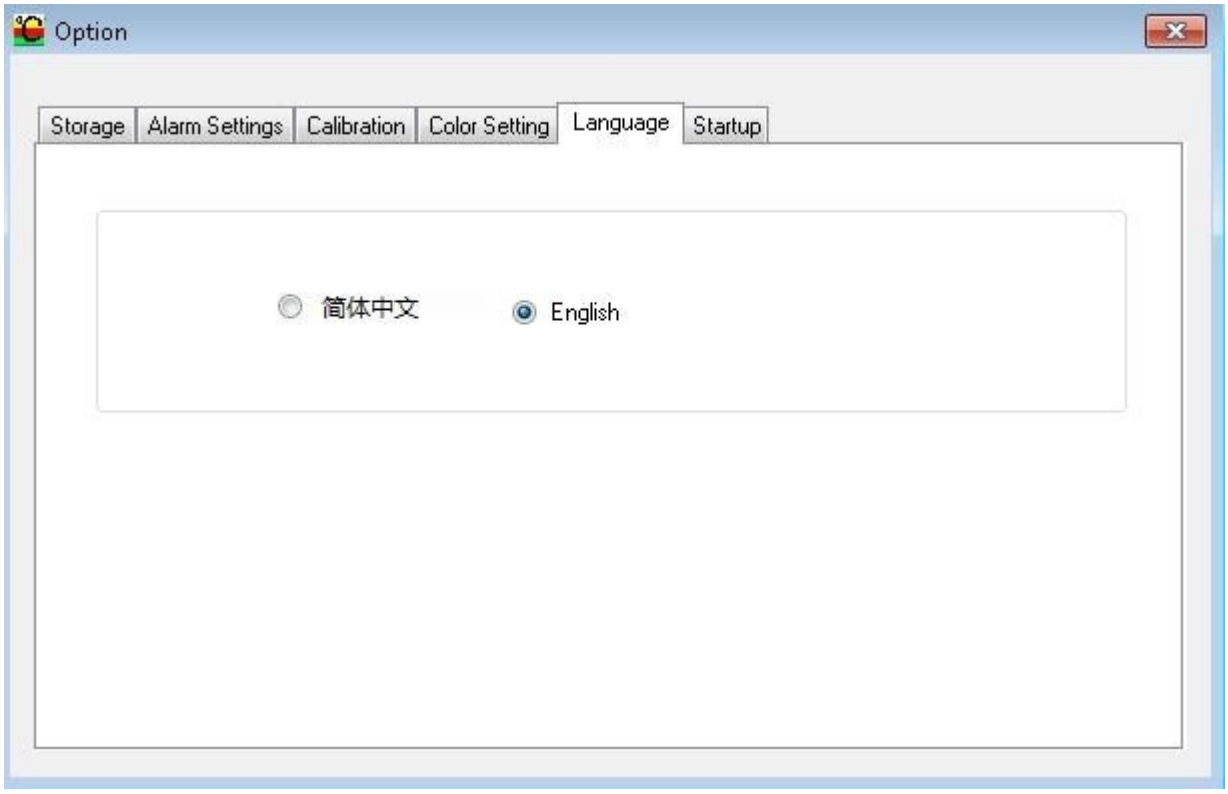
Select “Tool->Select->Color Setting”, Click Color Frame or Button to Choose the Color you Like (see picture 11)



See picture 11

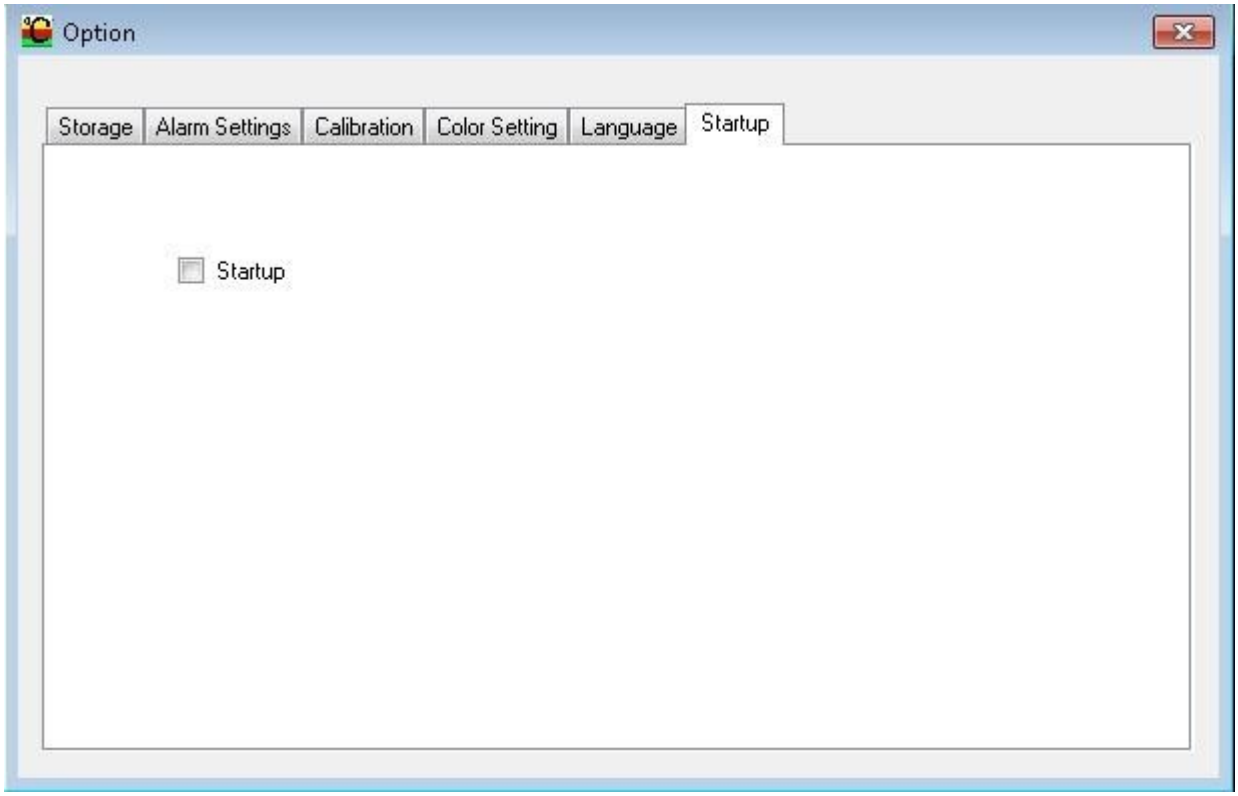
10) CHANGE LANGUAGE

Select “Tool->Select->Language, then Choose English or Chinese” (see picture 12)



see picture 12

11) STARTUP



see picture 13

11) ABOUT

see picture 14