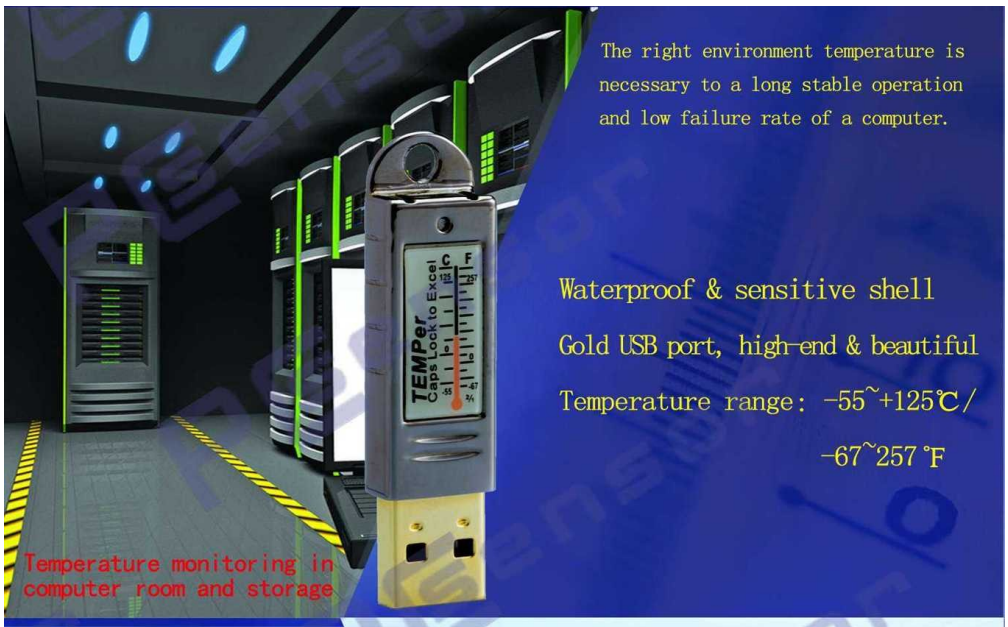
Product Information

1. DESCRIPTION:

Thermometer USB (gold) is our new type of Hid Thermometer USB. It is the thermometer that can measure the Thermometer USBature by USB port connecting to computer. It can measure the Thermometer USBature of the machine and the environment accurately.

2. APPLICATION:

Computer room, weather, environment and special environment Thermometer USBature testing.



The right environment temperature is necessary to a long stable operation and low failure rate of a computer.

Waterproof & sensitive shell

Gold USB port, high-end & beautiful

Temperature range: -55~+125℃/ -67~257℉

Temperature monitoring in computer room and storage

Support Windows System.
Support temperature display and log.
Support alarm and curve.
Support remote viewing of MSN and Skype.
Support E-mail alarm.
Support free SMS reminder.

Water temperature monitoring in waterworks

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

Flowers greenhouse cultiva -tion etc

3. FUNCTION&FEATURE

New:

*Die-casting electroplating shell, superb waterproof, agile induction

*gold USB

*measure rang: -55~+125C/ -67~257F

*sensor is LM75

* fixed installation holes

Waterproof, sensitive, die-casting and electroplating shell.
Gold USB port, high-end & beautiful.

Probe：LM75
Mounting hole in the end, test the surface temperature easily.

USB port, plug and play
Intuitive software interface

The item can be fixed on the device with screw when you want to measure Thermometer USBature of equipment surface.

Feature:

Resolution rate: 0.06C

Thermometer USBature Accuracy:

- 25°C to 100°C: ±2°C (max)
- 55°C to 125°C: ±3°C (max)

Electricity: < 8 mA;

Voltage : 5V

Support Windows NT,XP, Vista;

Memory requirement: 20M

Data auto save to be txt or csv format, can be open by Excel;

Function:

CapsLock and NumLock

Graph transfer

Log

Email
MSN

DETAIL:

CapsLock and NumLock:

You don’t want to install software, OK! You can use the CapsLock and NumLock function.

As long as you long press the CapsLock or NumLock for 3 seconds, you can read the Thermometer USBature no matter in Excel, text or word form without running software. Then you can create curve.

caps lock:on/off/++
num lock:off/on/-- unit:c

2011-4-25	2:33 PM	29.25	1s
2011-4-25	2:33 PM	29.25	1s
2011-4-25	2:33 PM	29.25	1s
2011-4-25	2:33 PM	29.25	1s
2011-4-25	2:33 PM	29.25	1s
2011-4-25	2:33 PM	29.25	1s
2011-4-25	2:33 PM	29.25	2S
2011-4-25	2:33 PM	29.13	2S
2011-4-25	2:33 PM	29.13	2S
2011-4-25	2:33 PM	29.06	2S
2011-4-25	2:33 PM	29.06	2S
2011-4-25	2:33 PM	29	2S
2011-4-25	2:33 PM	28.94	2s
2011-4-25	2:33 PM	28.94	2s
2011-4-25	2:33 PM	28.88	2s
2011-4-25	2:33 PM	28.81	3S
2011-4-25	2:34 PM	28.81	3S
2011-4-25	2:34 PM	28.81	3S
2011-4-25	2:34 PM	28.81	3S

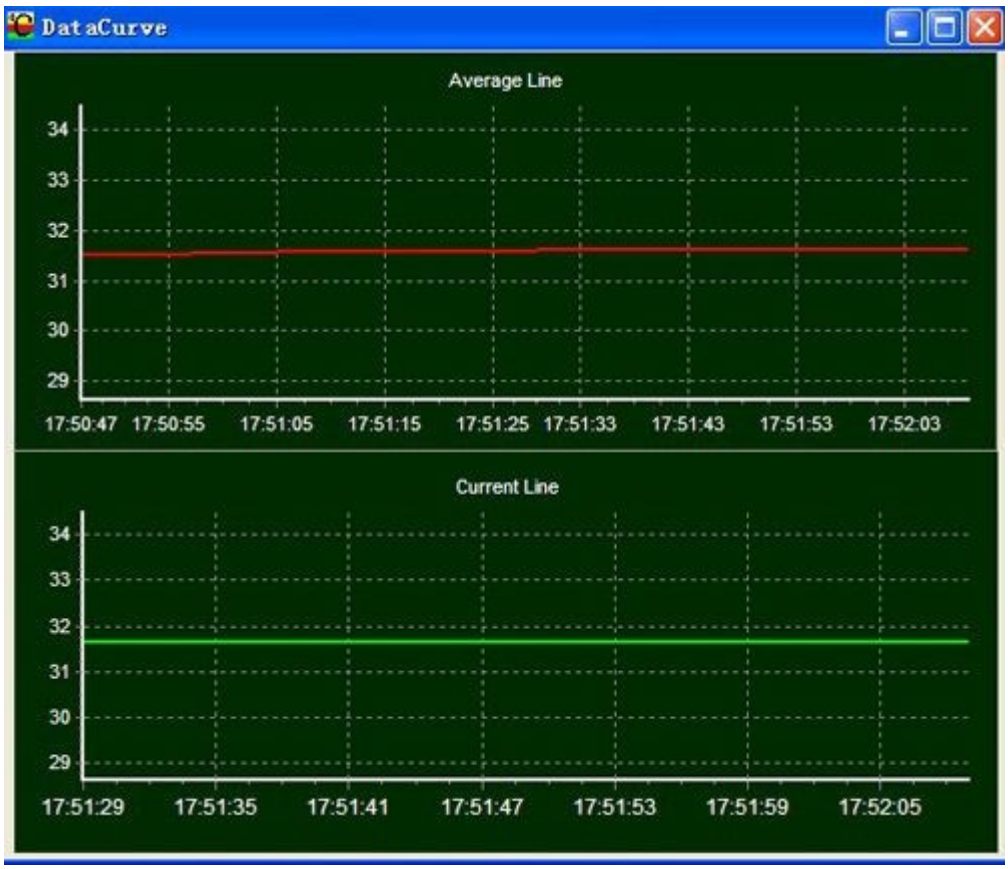
1) THE Thermometer USBATURE DISPLAY BOX and MESSAGE FRAME (Note: Our software just support windows OS .)

The Real Time Thermometer USBature will Display in the Thermometer USBature Box on the Top Left Corner of software interface (see picture1). And the Action of Operation will Display on the Top Right Corner (see picture2).

Picture1 picture2

2) CURVES DISPLAY

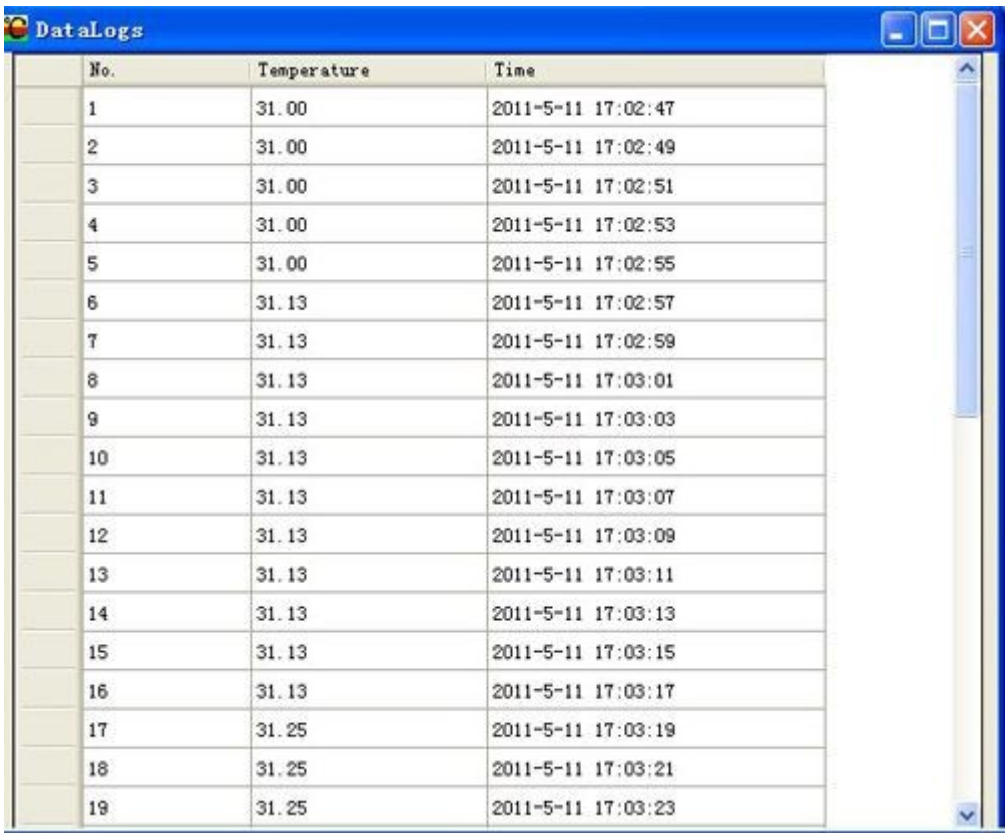
There is Two Curves, One is AVG Line and the Other is Current Line. The User can Check the Situation of Thermometer USBature Contrastively. The Curves can Real-time Display the Changing Situation of Thermometer USBature. The Tendency of Curves Responds the Real-time Thermometer USBature Situation. (see picture3)
ADVISE: Please Check the Log or Data File in Save Contents When You Want to Check the Historical Data.



Pic ture3

3) LOG

Record the Real-time Thermometer USBature Data and Save Them in the Related File Automatically, Such as (see picture4)

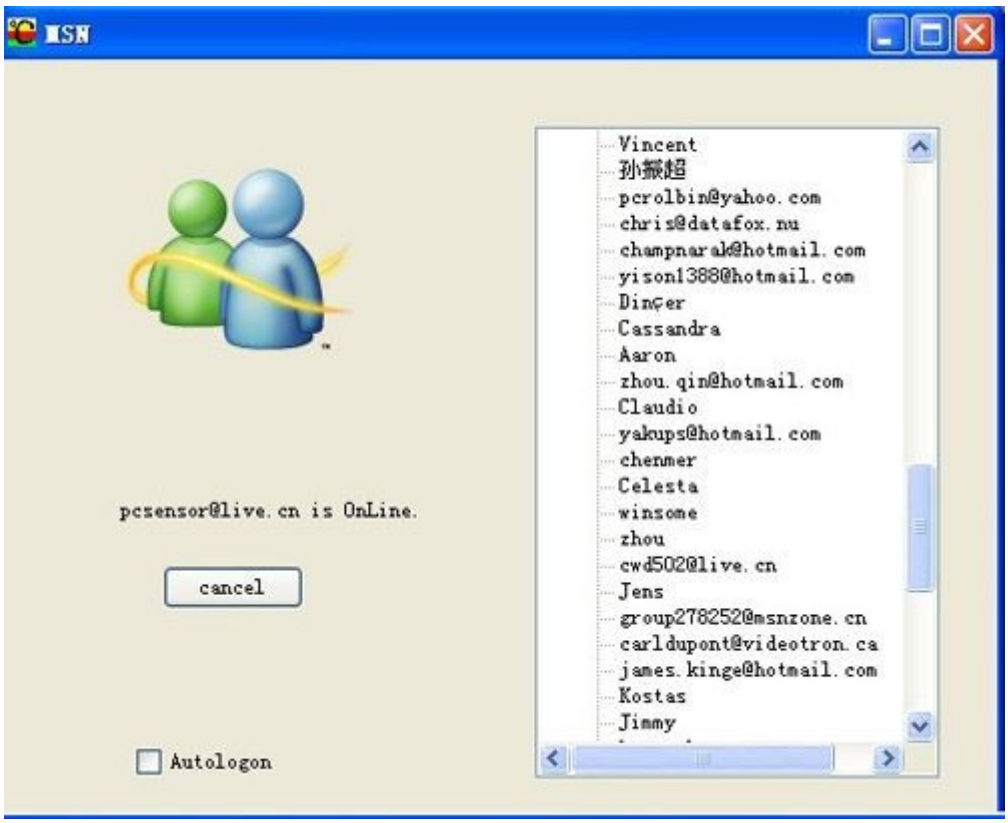


No.	Temperature	Time
1	31.00	2011-5-11 17:02:47
2	31.00	2011-5-11 17:02:49
3	31.00	2011-5-11 17:02:51
4	31.00	2011-5-11 17:02:53
5	31.00	2011-5-11 17:02:55
6	31.13	2011-5-11 17:02:57
7	31.13	2011-5-11 17:02:59
8	31.13	2011-5-11 17:03:01
9	31.13	2011-5-11 17:03:03
10	31.13	2011-5-11 17:03:05
11	31.13	2011-5-11 17:03:07
12	31.13	2011-5-11 17:03:09
13	31.13	2011-5-11 17:03:11
14	31.13	2011-5-11 17:03:13
15	31.13	2011-5-11 17:03:15
16	31.13	2011-5-11 17:03:17
17	31.25	2011-5-11 17:03:19
18	31.25	2011-5-11 17:03:21
19	31.25	2011-5-11 17:03:23

Picture4

4) MSN FUNCTION

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

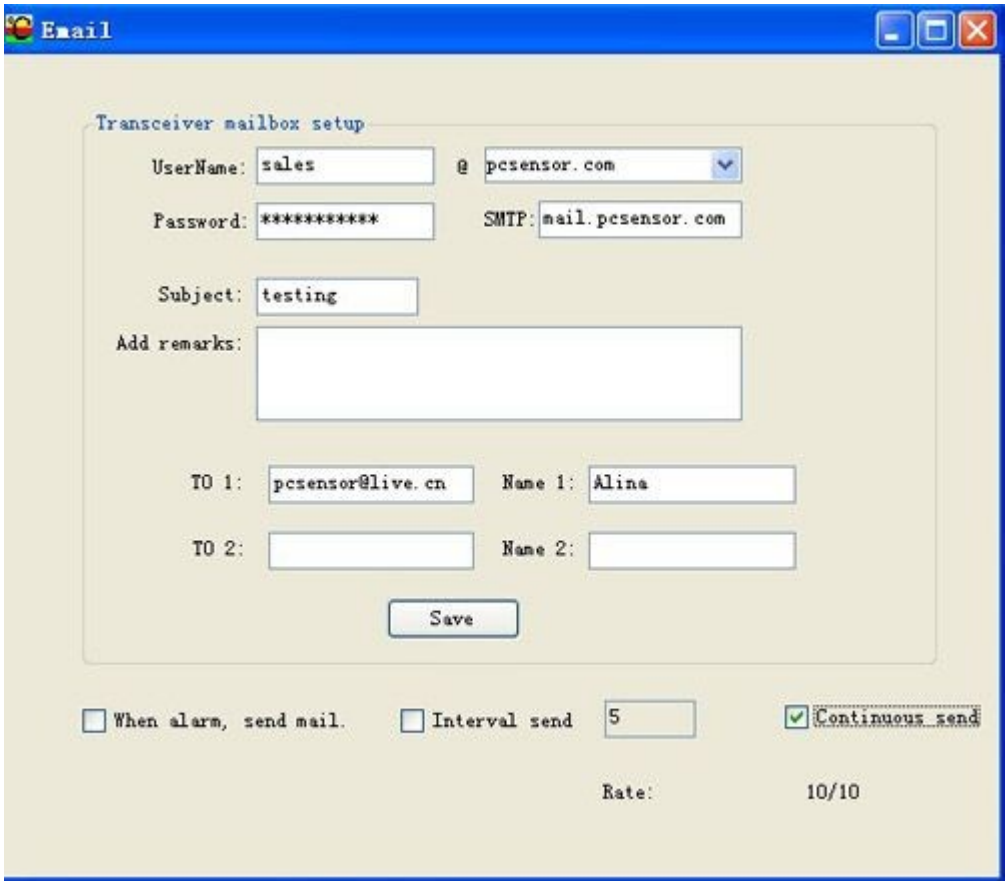


Picture5

Picture 6 (read Thermometer USBature)

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 Thermometer USBature 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 9)



Picture 7

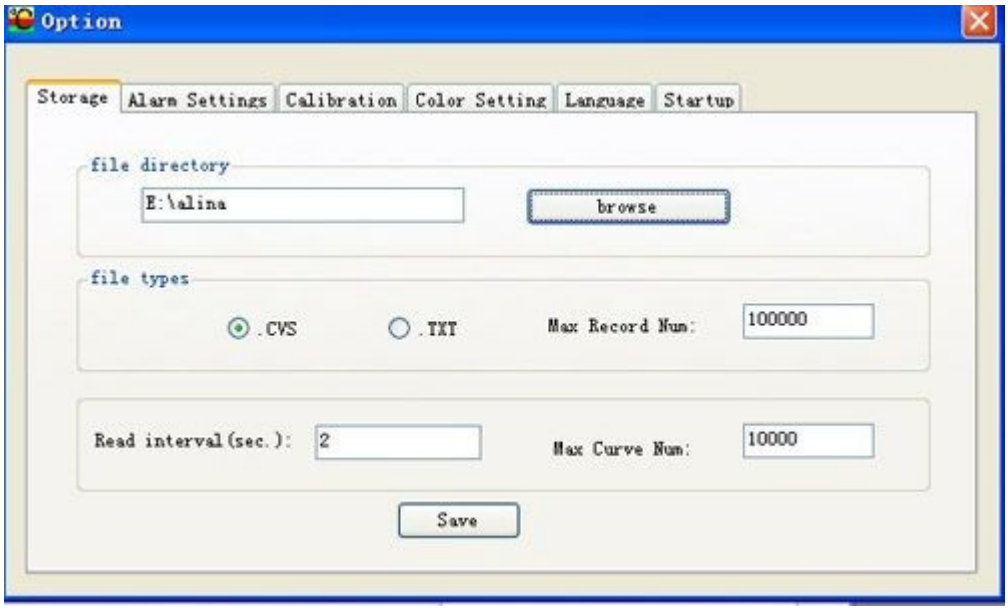
4. INSTALLING INSTRUCTION

Software installing instruction: please go to our website to download the process
a) 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;
b) Decompress Thermometer USB V21.rar to you computer, and running Thermometer USBV21.exe.
Hardware installing:
Plug the thermometer into the USB port of the computer to connect it. If you plug it correctly the red light in the device will be turned on.

5. OPERATING INSTRUCTION

1) 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)

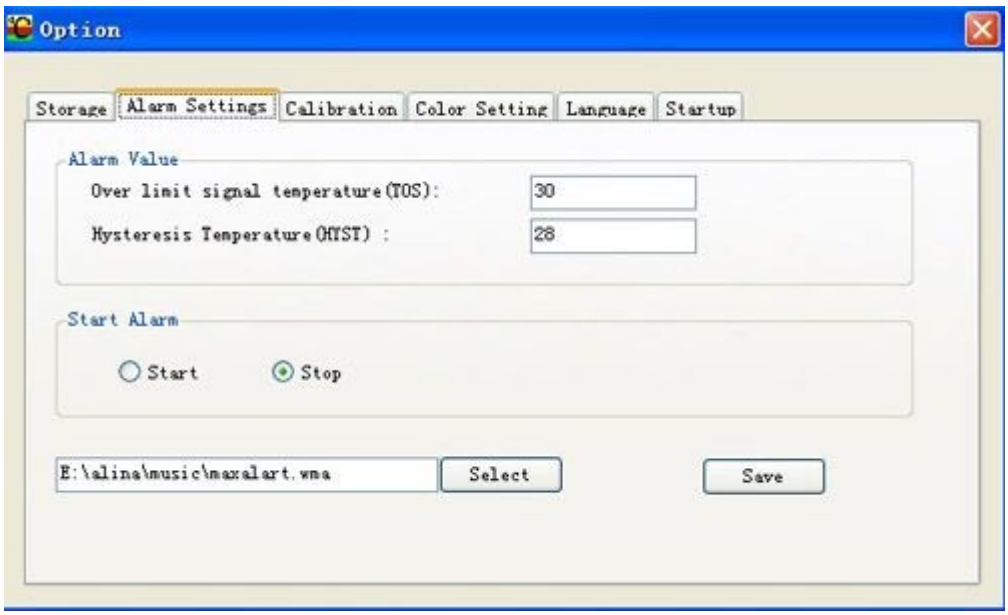


Picture 8

2) THE ALARM SETTING

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

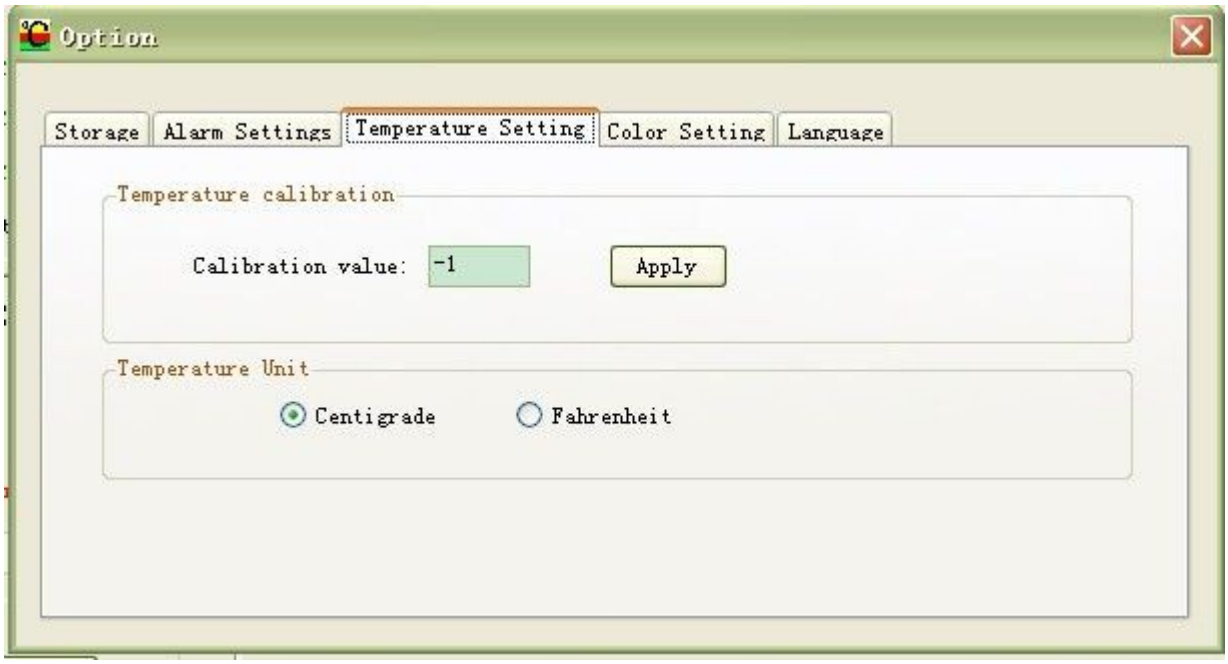
Select “Toll->Select->Alarm” (see picture 9)



See picture 9

3) Thermometer USBATURE CORRECTION and UNIT SELECTION

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



see picture 10

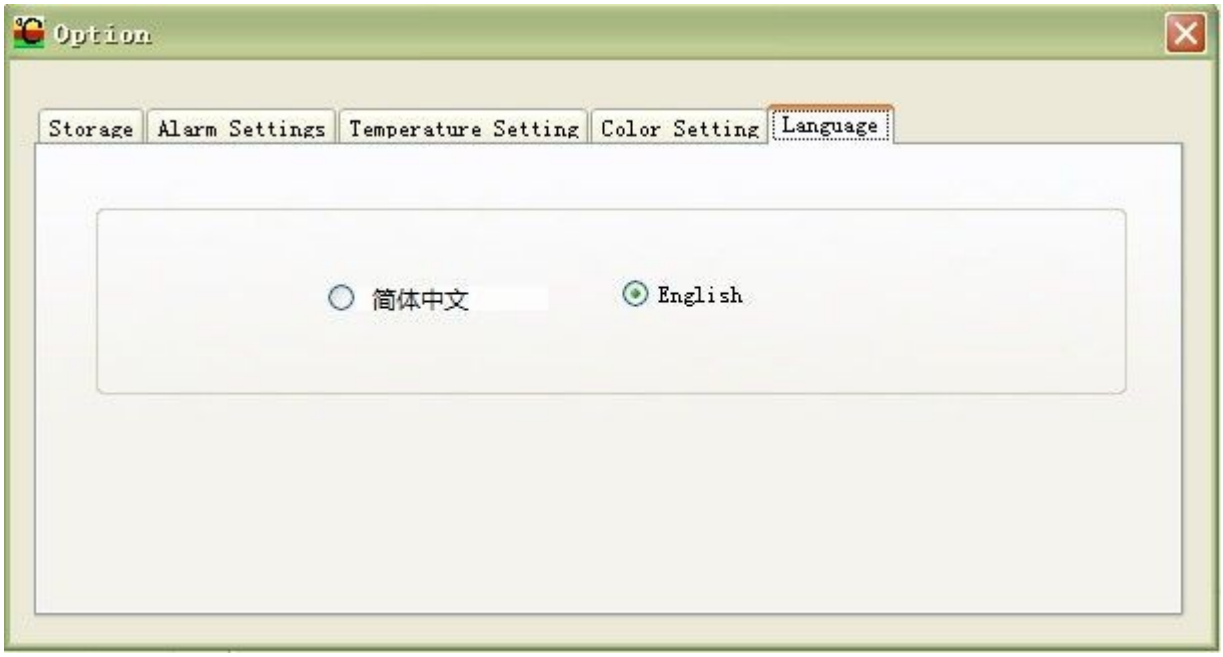
4) CHANGE THE COLOR OF BACKGROUD

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

See picture 11

5) CHANGE LANGUAGE

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



see picture 12