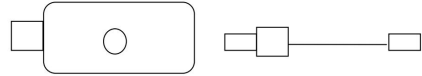


# TEMPerX232 User Manual

## I .Product picture



## II .Product description

TEMPerX232 is a comprehensive USB thermometer. it research by RDing TECH company. Device build-in temperature and humidity sensors.it through expansion interface can connect other probes. (Such as DS18B20 probe, TX probe,HS10 probe.) USB support HID mode and USB to COM port mode.

## III .Function & Feature

Device build-in high-precision temperature and humidity sensor .Used for detection temperature and humidity of environment;

Device has a 3.5mm audio interface for external probe; (DS18B20 sensor, TX sensor and HS10 sensor)

Internal sensor:

- Temperature range: -40 ~ + 85 °C,
- temperature resolution: 0.01 °C;
- temperature accuracy: ± 0.3 °C(In the range of 0~60°C);
- Humidity rang: 0 ~ 100RH%;
- humidity resolution: 0.04 RH%;
- humidity accuracy: ± 3 RH% (In the range of 20%RH ~ 80%RH);

Voltage: 5V

Current: <20mA

Baud Rate: 9600bps

Send mails function

Graph transfer function

External sensors please refer to the corresponding sensor specifications.

### (1)Press Special button:

TEMPerX232 have HID mode and serial mode (com port). Press the "Press" button for 5 seconds, these two modes can be switch to each other

Mode	Normal status	Abnormal status
COM port	Green LED	Green Red LED
HID mode	HID mode	Blue Red LED

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( 2 ) Pcsensor USB series products, can be used on the mobile phone through OTG interface line.

### (3) Alarm Mail

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:

a) when the Alarm is on, it will send the Email to Specified Email Box Automatically if the Temperature or humidity Reach the Alarm Limit.  
b) You can set the Sending Interval, and then it will send the Email to the Specified Mail Box at Set Intervals. ( Advise )  
c) it can Send Email Continuously to the Specified Mail Box. ( Deprecated feature )

**How to validate if your mobile phone is in line with the OTG?**  
A: Use OTG line connecting a mouse or keyboard, see if the mouse is normally used in conformity with the OTG.

## IV. INSTALLATION INSTRUCTION

Software download link: <http://software.pcsensor.com>  
a) Install framework , 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) Download the TEMPerX232 and install , then run it .  
Plug the Hygrometer 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.

**Operating instruction ( Note: Our software just only support windows system .)**

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Skype: pcsensor-rding  
Email: sales@pcsensor.com

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