

# TEMPerOTG Product specification

## 1. Equipment introduction

TEMPerOTG is an android phone thermometer researched by RDing Tech company. Compatible with all android phones with USB OTG interface. For example: Xiaomi, Samsung, Huawei, ZTE, Lenovo. Temperature measurement anytime and anywhere.

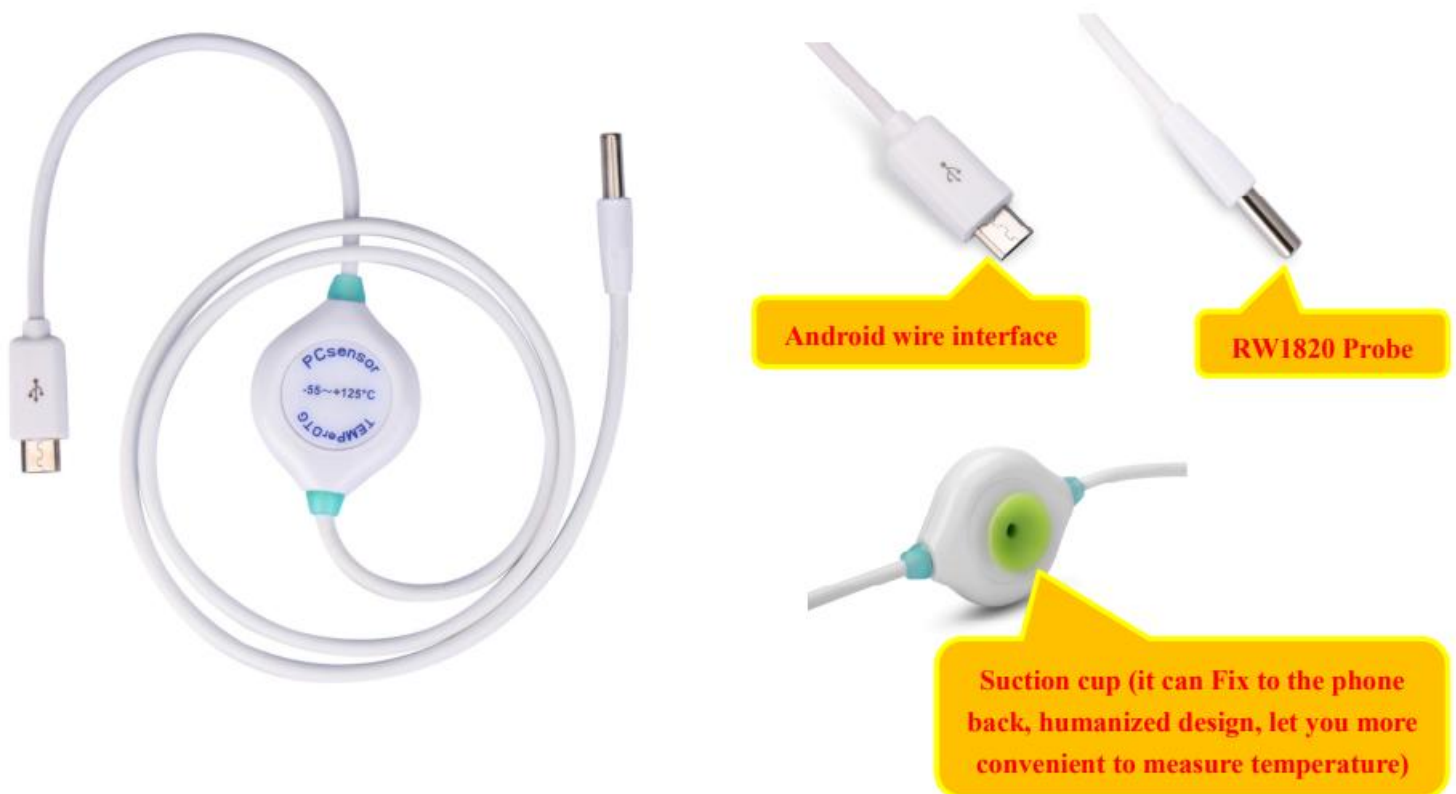
## 2. Operating instructions

- a) Log in [www.software.pcsensor.com](http://www.software.pcsensor.com) to download the software.
- b) Plug the device into the phone USB Interface

## 3. Application fields

- 1) Body temperature measurement;
- 2) Ovulation temperature measurement
- 3) Environment temperature measurement;
- 4) Water temperature/ food temperature measurement;
- 5) The equipment temperature detection;
- 6) Tank temperature detection;
- 7) Bath temperature detection
- 8) Barbecue temperature detection;

## 4. Product photo



Picture1 TEMPerOTG and Accessories



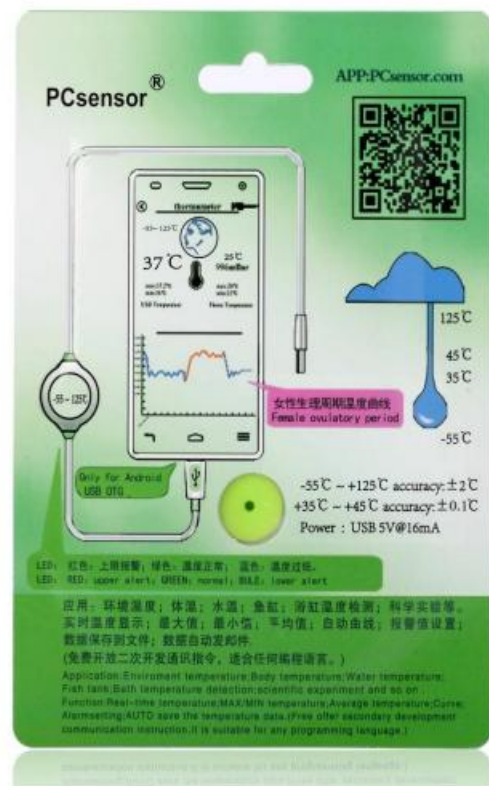
Picture2 TEMPerOTG Connect phone



Picture3 TEMPerOTG –Water temperature measurement



Picture 4 Packing front



Picture 5 Packing back

## 5. Electrical parameters:

- 1) Probe temperature range:  $-55 \sim +125 \text{ }^{\circ}\text{C}$ ; Body temperature range :  $+35 \sim +45 \text{ }^{\circ}\text{C}$
- 2) Accuracy:  $0.1^{\circ}\text{C}$  @  $30 \sim 45 \text{ }^{\circ}\text{C}$ , other  $\pm 2 \text{ }^{\circ}\text{C}$
- 3) Support micro OTG USB interfaces;
- 4) LED indication description:  
Red: Above the set temperature;  
Green: Temperature normal,  
Blue: Below the set temperature

## 6. Software instruction

### 1) Software running

Log in [www.software.pcsensor.com](http://www.software.pcsensor.com) to download the software. Then, Plug the device into the phone USB Interface. As follow picture 6

### 2) Measuring Mode

- A) **Body TEMP:** Can always measure body temperature of adults and children. Safety, Convenient and Quick. Anytime and anywhere understand you and your family's health

**Why not use the traditional mercury thermometer?**

Because mercury thermometer measurement time is too long, the baby usually do not cooperate, when see mercury thermometer crying and dodge. Even more frightening is the mercury thermometer security risks. Baby bite and eat mercury thermometer, lead to poisoning. This kind of thing is not uncommon. By the end of 2007, The United States has 13 states have passed legislation, to ban the use of mercury thermometers. Including Sweden, the Netherlands and Denmark. Some European countries have already banned use include the mercury thermometer, blood pressure measuring instruments and many other mercury-containing devices. The European Parliament has also been through over legislation to ban use mercury thermometer in European Community countries.

For baby's and family's safe and healthy,  
Please use electronic thermometers ---

**Android thermometer**



## Temperature Knowledge

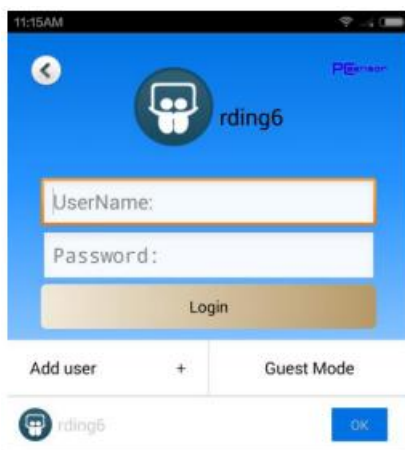
Name	Measurement range		
	Medical infrared thermometer	Anus	Oral/ Armpit
Hypothermia	<35.7	<36.2	<35.8
Normothermia	35.8~36.9	36.3~37.4	35.9~37
Fervescence	37.0~37.7	37.5~38.0	37.1~37.5
Feveret	37.6~38.0	38.1~38.5	37.6~38.0
Mild fever	38.1~38.5	38.6~39	38.1~38.5

- B) **Environment TEMP:** Can measure the temperature of the surrounding environment and equipment at any time. Such as: warehouse, equipment, bath crock, Office, bath crock, food, water temperature, machinery and equipment, etc
- C) **Best body temperature:** Can measure the temperature of the women's ovulation. Learn the ovulation period at any time. Be a good Mother!





Click " Measurement mode" to enter, and then add the "Nickname". As follow picture 7



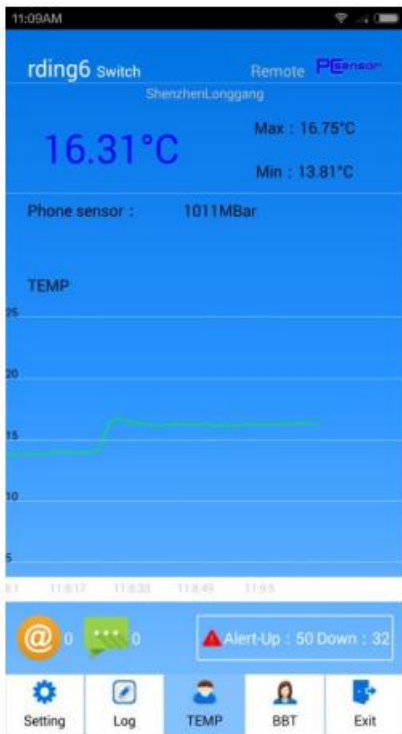
Picture 7

**3) Real-time temperature record** (As follow picture 8).

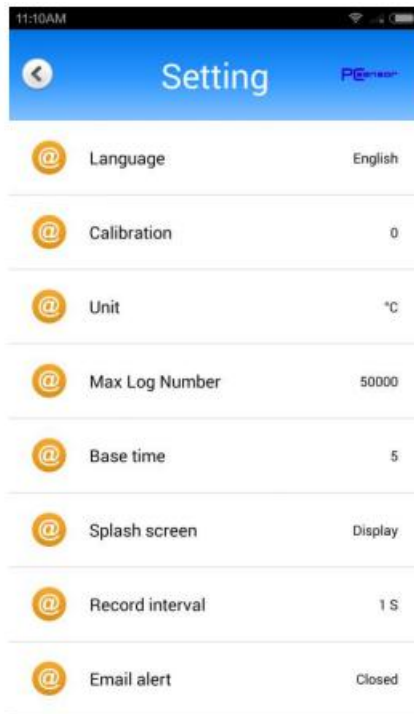
Real-time temperature display; real-time curve; maximum value, average value, minimum value; Start time ; total use time.

**4) Setting** (As follow picture 9):

- (a) Language: Chinese / English;
- (b) Unit: C / F;
- (c) Alert Temperature: the upper limit (upper limit hysteresis), the lower limit (lower limit hysteresis)
- (d) Timing measurement clock;
- (e) Mailbox alert;
- (f) SMS alert;
- (g) Calibration value;
- (f) Record interval, etc



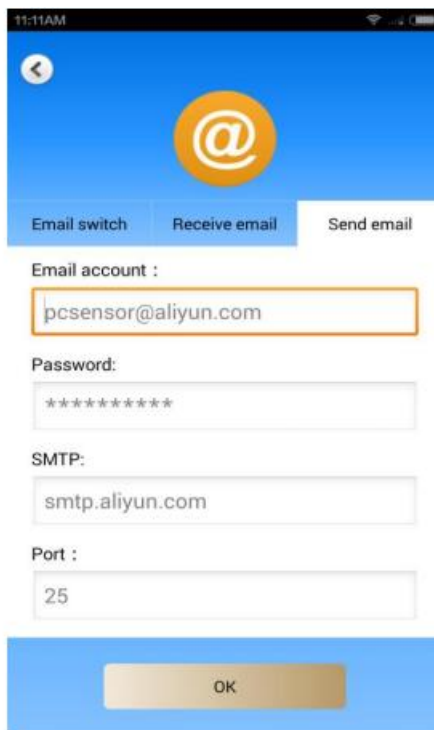
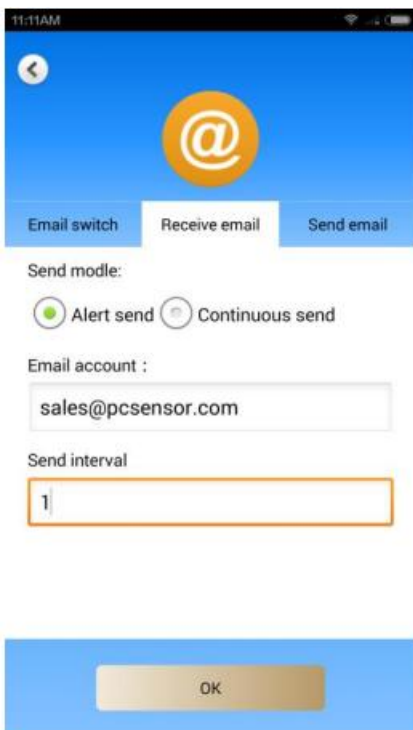
Picture 8



Picture 9

#### 4) Temperature alert mode:

A) Mailbox alert (As follow picture 10 & picture 11);



Picture 10

Picture 11

B) SMS alert (As follow picture 12) ;



Picture 12

### 6) Data storage

All temperature measurement data will be automatically stored according to user name in the phone; Store formats: log form (As follow picture 13 & picture 14 )

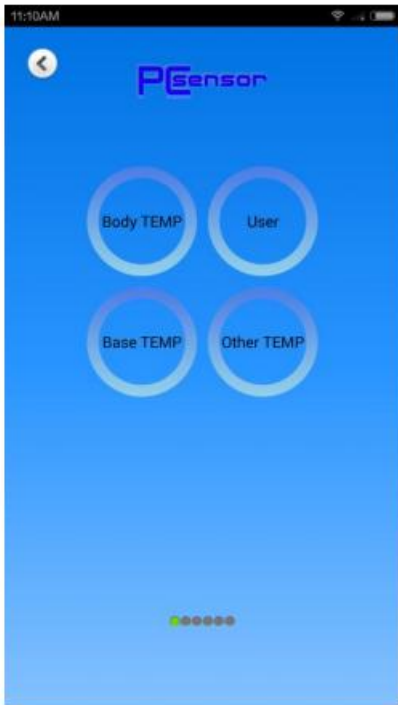


Picture 13

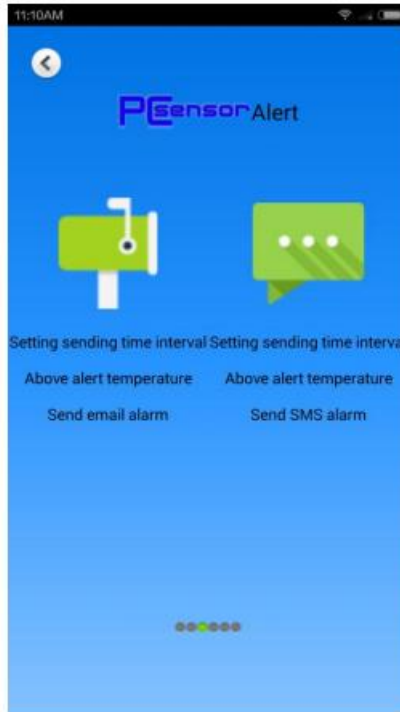


Picture 14

### 5) Help (As follow Picture 15~ Picture 18)



Picture 15



Picture 16



Picture 17



Picture 18

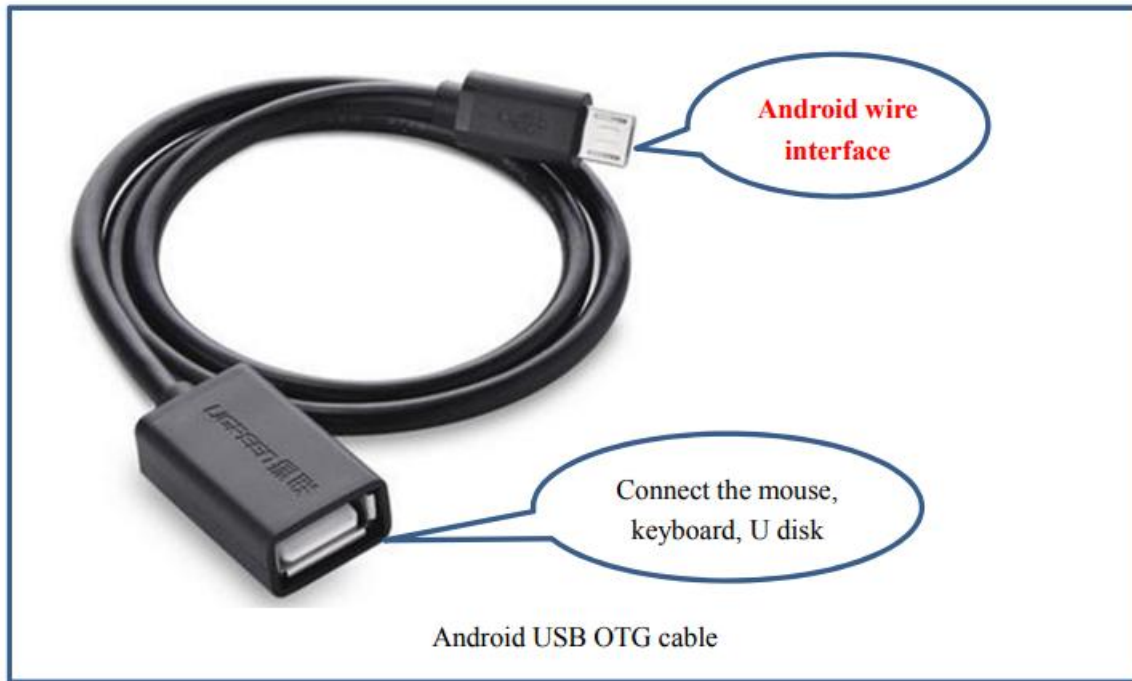
## 7. Packing list

Name	Qty.
TEMPerOTG thermometer	1
USB to OTG cable	1

## 8. Science knowledge

What is USB OTG? If your mouse or keyboard can be used on mobile phones via USB OTG converter. It indicates that your phone's USB interface is USB OTG. Only with USB OTG android phone can run TEMPPerOTG and its software.





## 9. OTG Mobile phone

Mobile Brand	Mobile Phone Model
Huawei	Huawei P8 (GRA-UL10 / high version / double 4G), Huawei glory 7 (PLK-TL01H / mobile 4G), Huawei glory 6 (Mobile 4G), Huawei Mate 7 (Standard / mobile 4G), Huawei glory 7 (PLK -AL10 / entire network), Huawei P8max (double 4G), Huawei glory play 4C (CHM-CL00 / telecommunications 4G), Huawei glory play 4C (CHM-CL00 / telecommunications 4G), Huawei glory 7 (PLK-CL00 / telecommunications 4G), Huawei Ascend P6 (8GB / Unicom 3G), Huawei P8 Lite (youth Edition / mobile 4G), Huawei glory X2 (standard / double 4G), Huawei Ascend P7 (mobile 4G)), Huawei P8 Lite (youth Edition / telecommunications 4G), Huawei glory X1, Huawei Ascend P6 S, Huawei glory X2, Huawei G730-L075, Huawei Mate 7 Compact .
Xiaomi	Xiaomi M4 (3GB RAM / mobile 4G), Xiaomi redmi 2 (mobile 4G), redmi Xiaomi Note (dual card / Plus / mobile 4G / 2GB RAM), Xiaomi M3 (Mi3 / mobile 3G), Xiaomi M3 (Mi3 / Unicom version), Xiaomi M4 (2GB RAM / mobile 4G), Xiaomi redmi 1S (telecommunications Edition / 8GB), Xiaomi redmi Note2 (China Unicom 3G), Xiaomi redmi 2 (telecommunications 4G), redmi Xiaomi 3 (Mobile 4G), Xiaomi 2A, Xiaomi 2S (16GB)
ZTE	ZTE Star 1 (Mobile 4G / 16GB ROM), ZTE V5 MAX (full CNC), ZTE V5 MAX (N958St / double 4G), ZTE drunk enjoy (Q806T / double 4G), ZTE V5 (U9180 / youth version / mobile 4G ), ZTE Grand Memo II (M901C / telecommunications Edition), ZTE Grand Memo (N5 / dual 3G / 16GB), ZTE Grand S II (mobile TD-LTE / exclusive version), ZTE Blade S6 (Q5-T / double 4G ), ZTE Blade S6 Lux (mobile 4G).
Samsung	Samsung GALAXY S5 (G9008V / mobile 4G), Samsung GALAXY S5 (G9006V / Unicom 4G), Samsung GALAXY Note 4 (N9100 / public version / double 4G), Samsung GALAXY Note 3 (N9008V / mobile 4G), Samsung GALAXY Note 5 (Full Netcom), Samsung GALAXY S5 (G9008W / mobile 4G), Samsung GALAXY Note 3 (N9008S / mobile 4G), Samsung GALAXY S5 (G9009W / telecommunications 4G), Samsung GALAXY Note 3 Lite (N7508V / mobile 4G), Samsung GALAXY S5 (G9006W / Unicom 4G), Samsung GALAXY Note 3 Lite (N7506V / Unicom 4G), Samsung GALAXY S5 (G9009D / Telecom 3G), the Samsung GALAXY Note II (N7100 / 16GB), Samsung GALAXY SII (I9100 / 16GB / black), Samsung GALAXY Note II (N7100 / 32GB), Samsung GALAXY SII (I9100 / 32GB), Samsung I929 (GALAXY SII DUO / telecommunications Edition), the Samsung GALAXY Round (G910), the Samsung GALAXY Note II (N7105 / LTE version), Samsung I9105P (GALAXY SII Plus).