

# User Manual

## ZK-TD200

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English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.



For further details, please visit our Company's website  
[www.zkteco.com](http://www.zkteco.com).

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If there is any issue related to the product, please contact us.

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To know more about our global branches, visit [www.zkteco.com](http://www.zkteco.com).

## About the Company

ZKTeco is one of the world's largest manufacturer of RFID and Biometric (Fingerprint, Facial, Finger-vein) readers. Product offerings include Access Control readers and panels, Near & Far-range Facial Recognition Cameras, Elevator/floor access controllers, Turnstiles, License Plate Recognition (LPR) gate controllers and Consumer products including battery-operated fingerprint and face-reader Door Locks. Our security solutions are multi-lingual and localized in over 18 different languages. At the ZKTeco state-of-the-art 700,000 square foot ISO9001-certified manufacturing facility, we control manufacturing, product design, component assembly, and logistics/shipping, all under one roof.

The founders of ZKTeco have been determined for independent research and development of biometric verification procedures and the productization of biometric verification SDK, which was initially widely applied in PC security and identity authentication fields. With the continuous enhancement of the development and plenty of market applications, the team has gradually constructed an identity authentication ecosystem and smart security ecosystem, which are based on biometric verification techniques. With years of experience in the industrialization of biometric verifications, ZKTeco was officially established in 2007 and now has been one of the globally leading enterprises in the biometric verification industry owning various patents and being selected as the National High-tech Enterprise for 6 consecutive years. Its products are protected by intellectual property rights.

## About the Manual

This manual introduces the operations of ZK-TD200 product.

All figures displayed are for illustration purposes only. Figures in this manual may not be exactly consistent with the actual products.






## Document Conventions

Conventions used in this manual are listed below:

### GUI Conventions

For Software	
Convention	Description
<b>Bold font</b>	Used to identify software interface names e.g. <b>OK, Confirm, Cancel</b>
>	Multi-level menus are separated by these brackets. For example, File > Create > Folder.
For Device	
Convention	Description
<>	Button or key names for devices. For example, press <OK>
[ ]	Window names, menu items, data table, and field names are inside square brackets. For example, pop up the [New User] window
/	Multi-level menus are separated by forwarding slashes. For example, [File/Create/Folder].

### Symbols

Convention	Description
	This implies about the notice or pays attention to, in the manual
	The general information which helps in performing the operations faster
	The information which is significant
	Care taken to avoid danger or mistakes
	The statement or event that warns of something or that serves as a cautionary example.

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## 1 Installation Instructions

Please follow the instructions carefully before installation.

It is mainly used indoors, and it is necessary to build a shelter if the device is used in an outdoor environment. The shelter must be constructed in such a way that the device and users are inside the shelter. The persons coming to detect body temperature from outdoor or high-temperature rooms must wait for some time until the hair, body, clothes, and accessories get cool and then proceed to detect the body temperature.



INDOOR USE



KEEP DISTANCE



AVOID GLASS REFLECTION



AVOID DIRECT SUNLIGHT EXPOSURE

1. Do not point the temperature measuring camera at direct sunlight or any high-temperature source.
2. When the device is moved from one place to another with low-temperature or high-temperature difference, or when the device is installed and powered on for the first time, the device needs to work for some time to ensure that the temperature of the machine is consistent with the current temperature, and there is no temperature difference. For example, just install the device after taking it from the warehouse and wait for more than 15 minutes after the device is powered on to ensure that the temperature of the device is consistent with the current temperature.
3. After the device is normally powered on, it is not recommended to move the position of the temperature measurement sensor, otherwise, it may affect the detection accuracy.
4. Temperature measurement data is for reference only, not for medical use. This product is not suit for environment with strong light or high temperature. It is recommended to use this product indoors without wind.
5. During use, please place the person's wrist align the infrared temperature probe and cover the distance sensor.

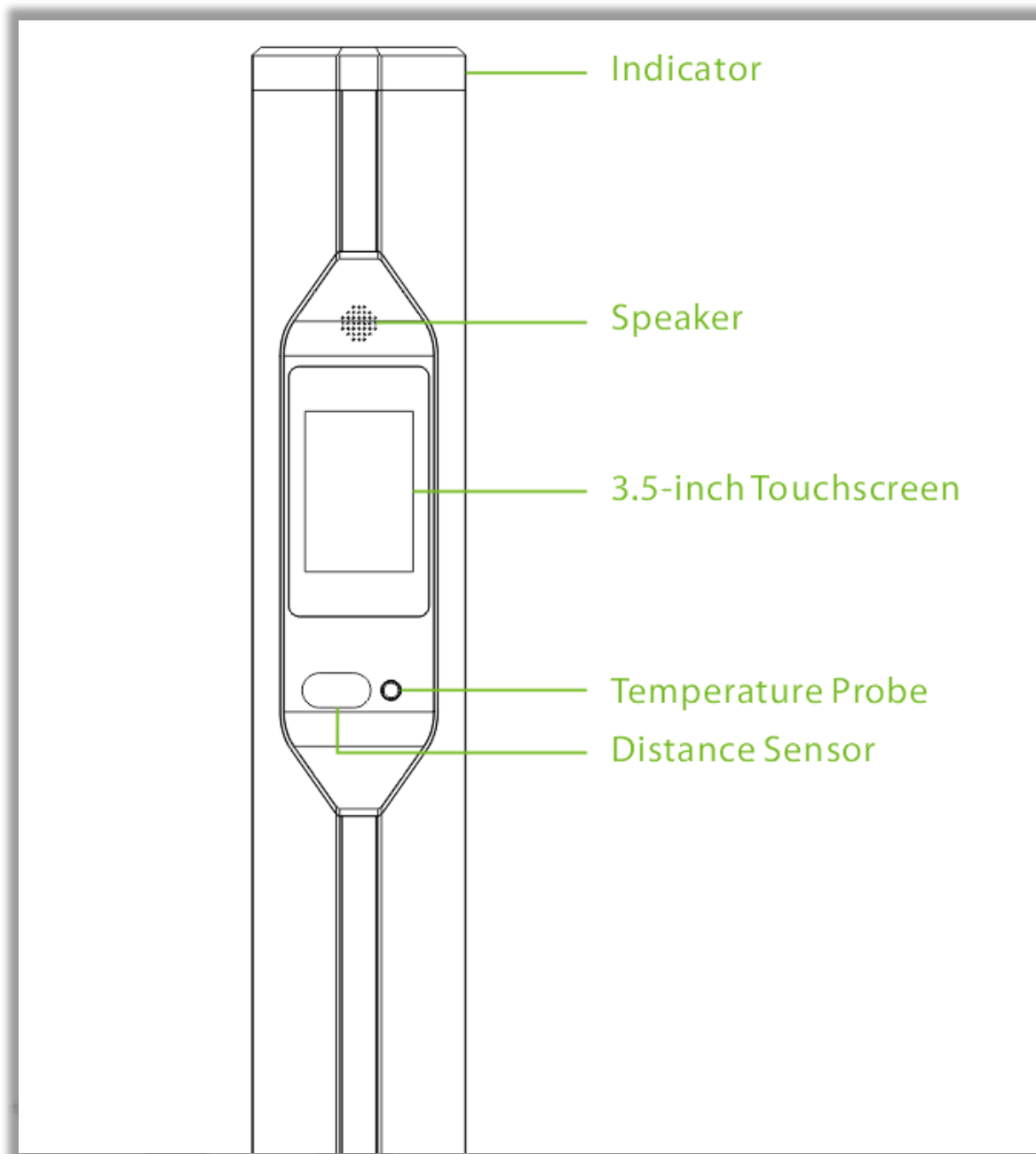
## 2 Overview

### 1.1 Appearance

#### Front and Rear View





**Note:**

When the device is in standby status, the indicator is always yellow. If the temperature detected is abnormal, it flashes red. If the temperature detected is normal, it flashes green.

## 1.2 Specifications

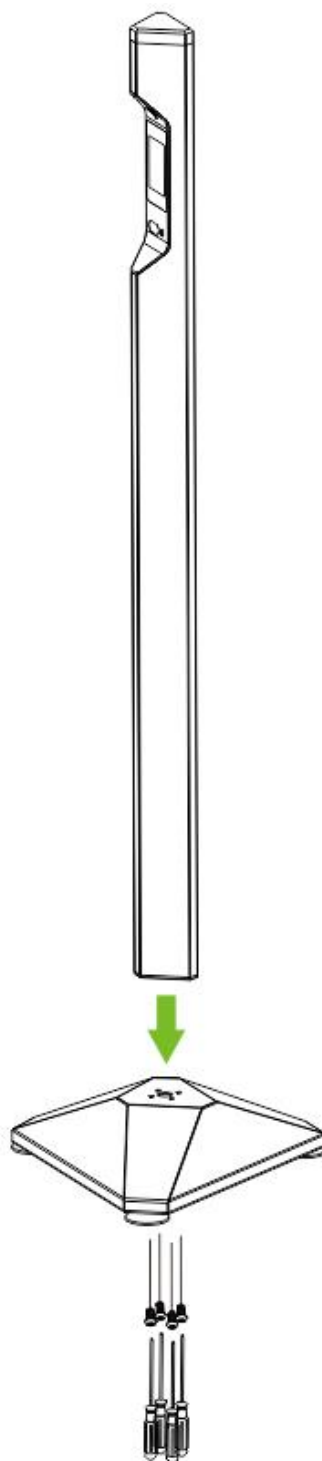
Items	Description
<b>Power</b>	AC 100 ~ 120V/200 ~ 240V
<b>Electrical Current</b>	65mA
<b>Standby Power</b>	3.5W
<b>Running Power</b>	4.2W
<b>Screen Size</b>	3.5 inch
<b>Screen Resolution</b>	320 * 480
<b>Working Temperature</b>	16°C ~ 38°C (60.8°F ~ 100.4°F)
<b>Working Environment</b>	Indoor
<b>Dimensions (L*W*H)</b>	428 * 379 * 1484 (mm)
<b>Packing Dimensions (L*W*H)</b>	1445 * 505 * 290 (mm)
<b>Weight with Packing (kg)</b>	11.5
<b>Temperature Sensor Type</b>	IR temperature sensor
<b>Temperature Measurement Time</b>	≤1s
<b>Temperature Measurement Point</b>	Wrist
<b>Temperature Measurement Distance</b>	50mm ~ 100mm
<b>Height of Temperature Probe from the Ground</b>	1186mm (customizable)
<b>Temperature Measurement Deviation</b>	±0.5°C (±0.9°F)
<b>Temperature Range</b>	30°C ~ 45°C (86°F ~ 113°F)
<b>Interval Between Temperature Measurement</b>	2s

## 1.3 Installation Instructions

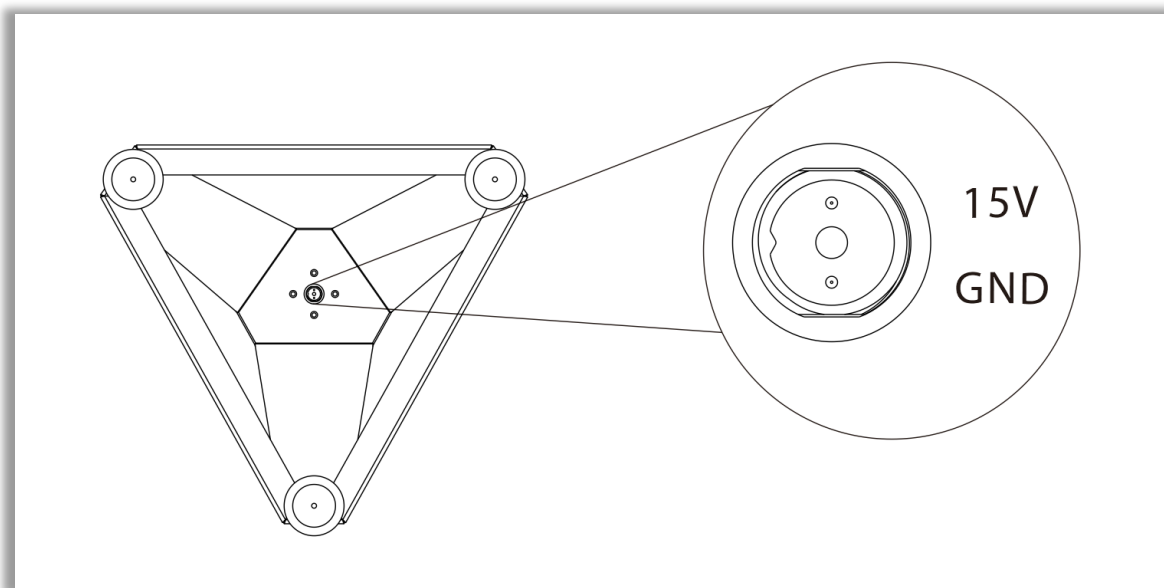
If you want to open the chassis, you should contact the agent for permission. Otherwise, you will bear any consequence resulting from your actions.

### 1.3.1 Installation Steps

**Step 1:** Fix the column with four screws at the bottom of the chassis.

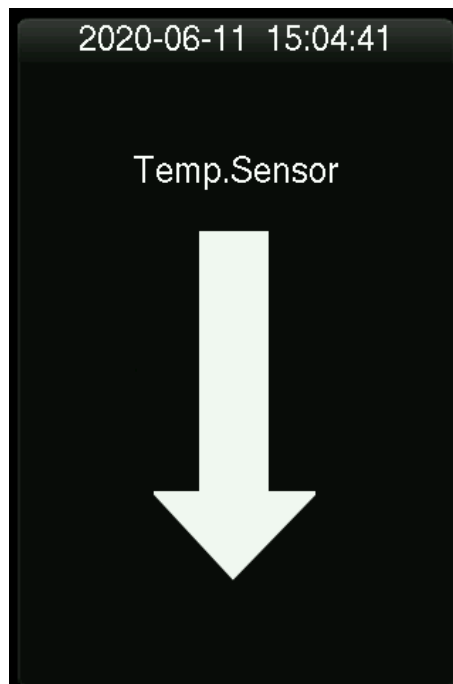


**Step 2:** Turn on the power.

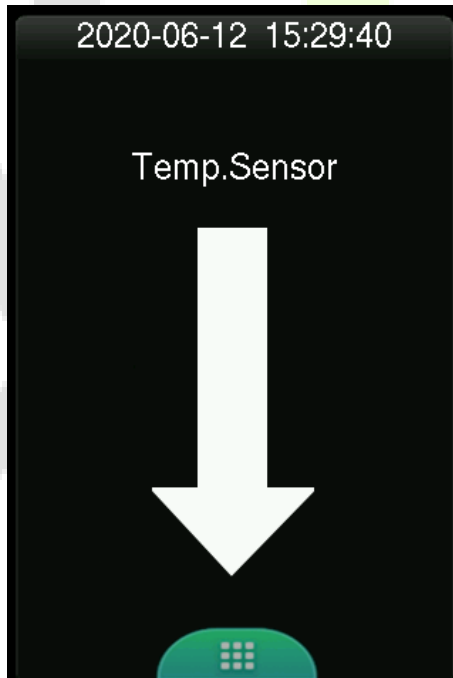


### 3 Standby Interface

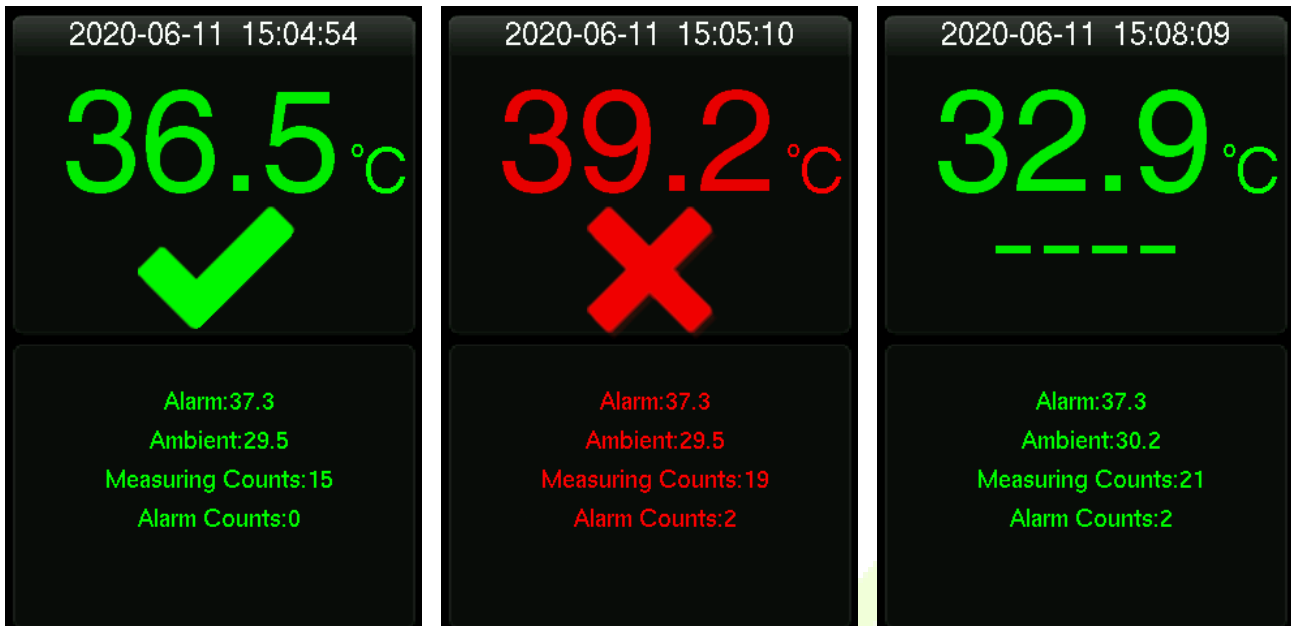
The arrow in the picture points to the location of the temperature sensor.



Touch the screen to display the main menu button.



## 4 Temperature Measurement Interface



Normal Temperature

Abnormal Temperature

No Item measurement


**Alarm:** It is the standard value of temperature alarm.

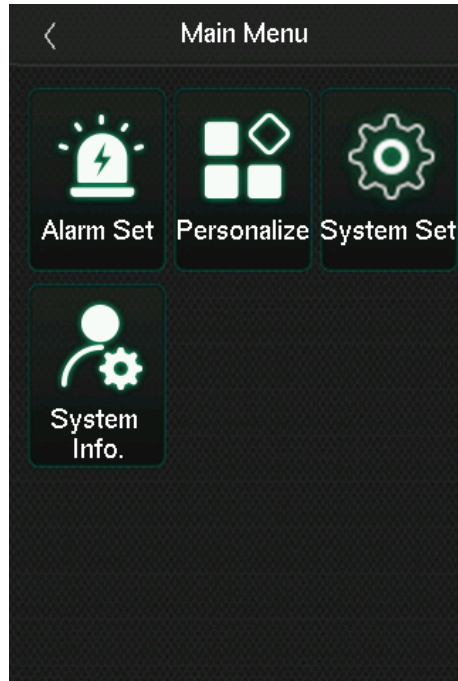
**Ambient:** The ambient temperature where the device is at the time.

**Measuring Counts:** Number of temperature measurements.

**Alarm Counts:** Times of temperature alarms.

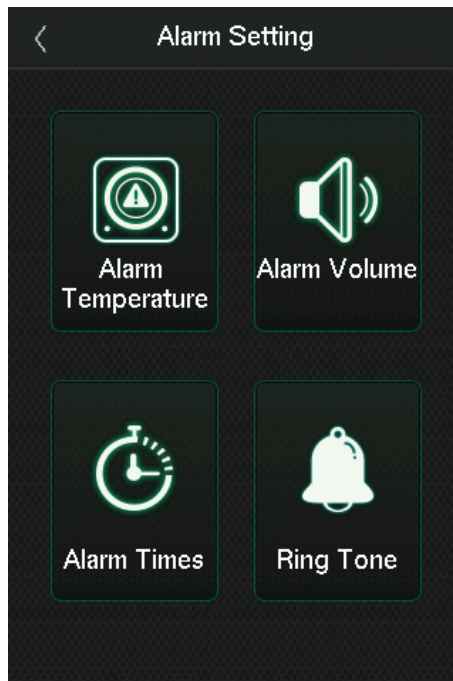
## 5 Main Menu

Press  on the standby interface to enter the main menu, as shown below:



Items	Descriptions
<b>Alarm Set</b>	To set the alarm temperature, volume, times and ring tone.
<b>Personalize</b>	To set the sensor, temperature and voice prompt.
<b>System Set</b>	To set the temperature mode, language and date&time of the system.
<b>System Info.</b>	To view the serial number, device and firmware information of the current device.

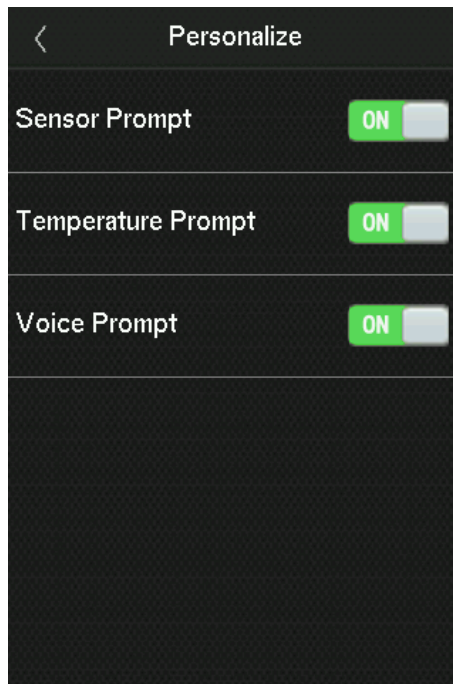
## 6 Alarm Set



Items	Descriptions
<b>Alarm Temperature</b>	The alarm temperature can be set within 37.0-47.0°C (The default value is 37.3)
<b>Alarm Volume</b>	Set the volume of the alarm, 0 is to turn off the sound. (The default value is 10)
<b>Alarm Times</b>	Set the number of alarms when the alarm temperature value is reached.(The default value is 2)
<b>Ring Tone</b>	6 kinds of ring tones can be set. (The default value is ringtone 1)

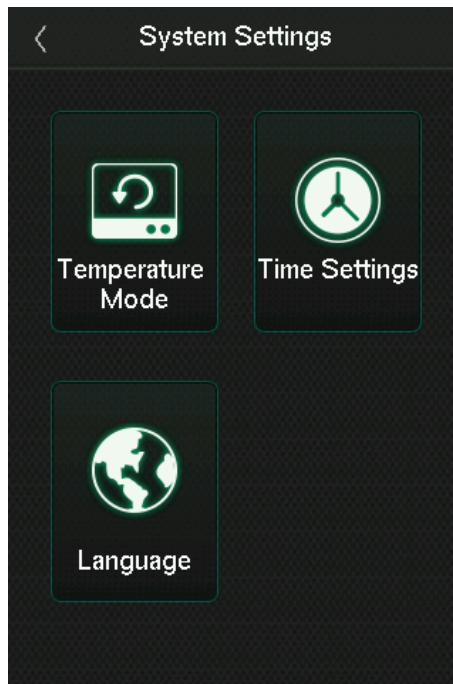


## 7 Personalize



Items	Descriptions
<b>Sensor Prompt</b>	Set whether to display the direction indicator arrow during standby status(The default value is ON )
<b>Temperature Prompt</b>	Set whether to display specific temperature value when measuring temperature. (The default value is ON)
<b>Voice Prompt</b>	Set whether there is voice prompt during temperature measurement. (The default value is ON)

## 8 System Set



Items	Descriptions
<b>Temperature Mode</b>	Set the temperature mode as Celsius or Fahrenheit (The default value is Celsius)
<b>Time Setting</b>	You can manually set the date and time and click Confirm to save.
<b>Language</b>	Spanish, English and Chinese can be set. (The default value is English)

## 9 Packing List

<b>NO</b>	<b>Component</b>	<b>Quantity</b>
1	Pillar	1 set
2	Chassis (with foot cup*3)	1set
3	User Manual	1
4	Power Cord	1 pcs
5	Adapter	1 pcs
6	Phillips Screwdriver	1 pc
7	Hexagon Wrench	1 pc
8	Hexagon Screws	4 pc

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