UTEPO

TS1501 Smart Doorbell

Non-contact Temperature Measurement Module, Built-in Battery

Introduction

Use industry-leading infrared temperature sensor, smart doorbell TS1501 achieves infrared temperature measurement, data display of body temperature, voice alarm, etc. It can read body temp measurement with quick, high precision. And it is applied to self-help temp measurement scene with few people and achieves single screening one by one.

TS1501

- Built-in non-contact infrared temp measurement module to ensure accurate temp measurement.
- Temperature measurement range is from 35 ℃ to 43 ℃ with accuracy $\pm$ 0.2 ℃.
- Self-service temperature measurement to avoid cross infection.
- Alarm when the temperature of the person being measured is abnormal.
- Compact appearance, easy to install.
- Built-in battery, up to 50 hours of battery life.
- Support wall magnetic attraction and pole installation.

Applications

Commercial Building / Community

Cinema

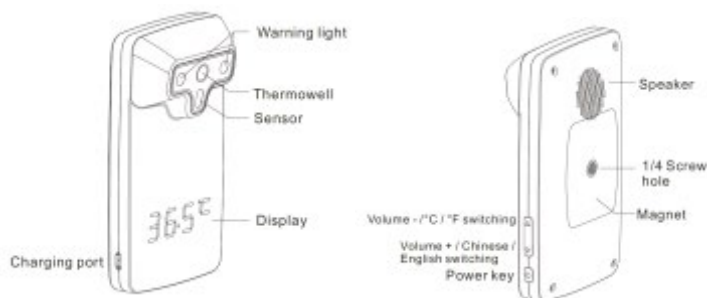
School / Classroom

Bank / Hotel

Specifications

Item	Specification
CPU	ARM Cortex-m
Temperature Display	LED digital Display
Sensor	Thermopile infrared temperature sensor
Temperature Measurement	Rang: 35°C ~43°C, accuracy: $\pm$0.2°C
Detection Distance	3-15cm
Respond Time	1~3s
Alarm Method	Warning ring, LED red indicator

Specifications

General Specifications

Power Consumption	≤0.5W
Working Temperature	0°C ~40°C（Indoor)
Working Humidity	0%-95% RH（Non-condensing）
Dimensions（L×W×H)	34mm×70mm×120mm
Weight	118g

* Specifications are subject to change without notice
Everything depends on the actual product
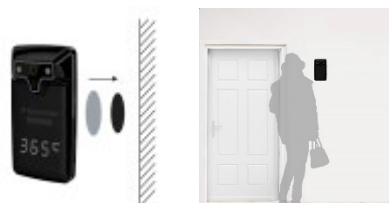
Descriptions

Installation

For wall

(Only with magnetic suction version)
1. The box contains 2 metal magnetic sheets and 4 adhesive stickers.
2. Install the device in front of the channel, facing the direction that the user passes by.
3. Use adhesive tape to fix the metal sheet to the wall or door frame in the selected location.
3. Magnetically attract the screener to a properly fixed metal sheet.
4. The recommended test distance of the screener is 5-10cm.

For pole

1. Choose the installation method according to the existing bracket
    1.1 Use a table stand or floor stand to fix the device.
    1.2 Install the tripod and the screw holes on the back of the device, fix the device and adjust it to the proper angle.
2. Erect the equipment and the column directly in front of the channel, and face the direction that the user passes by.
3. The recommended test distance of the screener is 5-10cm.

⚠️
- Device should be installed indoors, make sure there is no wind between device and person.
- No sunlight to avoid incorrect temperature measurement.

Packing List

Item	Model	QTY	Note
Machine body	TS1501	1	
Metal magnetic sheet	/	2	Only with magnetic suction version
3M Sticker	/	4	Only with magnetic suction version
USB cable	/	1	1 Meter, Micro USB charging cable
User manual	/	1	