LTS Industrial

LTK05T Auto Temp

Non-contact Ultrasonic Thermal Imaging Module

Introduction

Adaptive multi-sensor infrared temperature measurement algorithm.

The Smart temperature terminal achieves accurate infrared temperature measurement with data display of body temperature, voice alarm. Fast and accurate body temp measurement with long-distance detection to minimize close interactions. This system runs completely autonomous to allow temperature screening with less human interaction.

LTK05T

- Built-in non-contact infrared temp measurement module to ensure accurate temp measurement.
- Temperature measurement range is from 35 ℃ to 42 ℃ with accuracy ± 0.3 ℃.
- Self-service temperature measurement to avoid cross infection
- Alarm notification when the temperature of the person being detected is abnormal.
- Advanced aluminum alloy metal housing and durable.
- Support wall and pole installation

Applications

Commercial building/ Community

Cinema

School/ Camp

Bank/Hotel

Specifications

Item	Specification
CPU	ARM Cortex-m
Temperature Display	LED digital display
Sensor	Thermal image infrared temperature sensor
Temperature measurement	Range: 35°C ~42°C , accuracy: ±0.3°C
Detection distance	30-60cm
Respond time	1~3s
Alarm method	Warning sound (70db)+ red beating temp indicator

Specifications
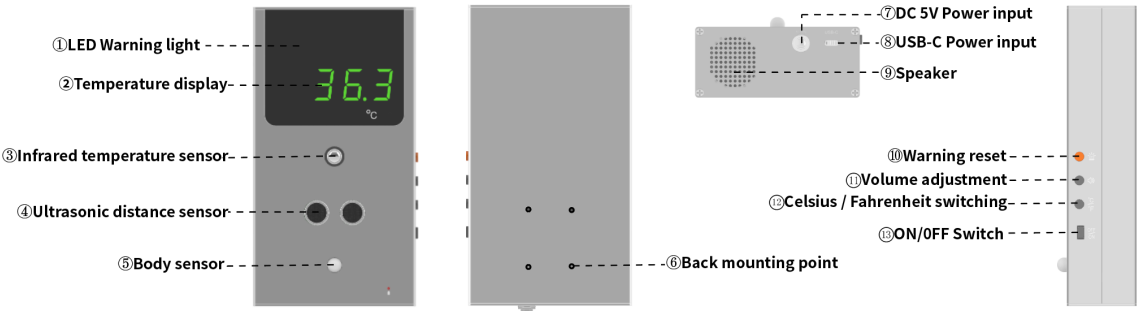
General specifications

Power consumption	≤5W
Working temperature	15°C ~35°C（indoor）
Working humidity	0%-85% RH（Non-condensing）
Dimensions（L×W×H）	45mm×105mm×193mm
Weight	542g

* Specifications are subject to change without notice.

Descriptions

①LED Warning light

②Temperature display

③Infrared temperature sensor

④Ultrasonic distance sensor

⑤Body sensor

⑥Back mounting point

⑦DC 5V Power input
⑧USB-C Power input
⑨Speaker

⑩Warning reset
⑪Volume adjustment
⑫Celsius / Fahrenheit switching
⑬ON/0FF Switch

Installation

For wall

1 – About ten seconds after the power is turned on, the device starts to complete;

2 – To fix the device to wall through the back mounting point.

3 – To ensure the device screen in front of human face when it's installed above or to the side of the passage.

4 – The recommended angle to install is 0-20degrees.

5 - To read body temp measurement correctly, the recommended distance between the device and collection point is 0 30-60 cm.

For pole

1 – About ten seconds after the power is turned on, the device starts to complete;

2 – To fix the device to pole through the bottom mounting point.

3 – Set up the device and pole directly in front of the passage with display facing the human face.

4 – The recommended installation height is 140-160cm.

5 – To read body temp measurement correctly, the recommended distance between the device and collection point is 30-60 cm.

⚠

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

Packing List

Item	Model	QTY	Note
Machine body	JRI . 3R	1	
Bracket	/	1	
Adapter	/	1	5V1A AC-DC power adapter
Charging line	/	1	1 meter, USB Type-A to USB Type-C charge wire
User manual	/	1	