07 Operating Guide

(1) Complete installation and boot the tablet.

(2) Open our application on desktop, click the "start" button.

(3) Adjust the tripod to the right position, make sure that the forehead is visible at this height.

(4) There are two measuring mode: forehead mode and global mode. Under forehead mode, the system recognize foreheads automatically and broadcast whether the temperature is normal or not. Under global mode, the system recognize the global highest temperature.

(5) Adjust the circumstance correction parameters which is on left side of the interface based on the average observation results.

(6) Click the button "stop" to turn off the application.

08 FAQ

Q: Why is the initial body temperature of some people too high and then returns to normal after a period of time?

A: Wearing helmets, hats, long bangs, and long-term heating of air conditioners in the car will affect the skin's heat dissipation and cause the actual temperature of the human body to be high in a short period of time. It is recommended to measure again after a period of time at room temperature, or with ear thermometer, mercury thermometer, etc.

(2) Q: Why can't the frontal temperature of some people be identified?

A: The body surface temperature will be too low after riding bicycle or electromobile in the wind for a long time, or being affected by rain or snow. The temperature may not be marked by the recognition frame when it is lower than the system setting range of the normal human body temperature. It is recommended to measure again after a period of time at room temperature, or with ear thermometer, mercury thermometer, etc.

(3) Q: Can it work while charging?

A: This system is powered by the tablet through a cable. The charging port and the data transmission port of the tablet are independent.

09 Failure Analysis and Troubleshooting

Failure	Cause	Troubleshooting
The tablet cannot start up	The battery runs out or the tablet is damaged	Charge the tablet with the cable to confirm if it can start up. If it is damaged, please contact the manufacturer for maintenance.
The software is not working properly	Software failure	Please restart the program. Usually it can resume normal operation. If not, please restart the tablet. If it still cannot resume, please contact the manufacturer for maintenance
Excessive temperature deviation	Improper parameters or product failure	Please adjust environmental correction parameters. If there is still a large deviation, please contact the manufacturer for maintenance.

*Note: If there are other problems, please contact the after-sales service for more assistance.

10 matters need attention

(1) For safety reasons, please be sure to use the original charger .

(2) It is strictly prohibited to put the product in too damp place or flush with water.

(3) Dismantle without permission is prohibited to avoid equipment failure or danger.

BODYTEMP-256-USB
Body Temperature Measurement System

User Manual

Before using this product, please read the description and instruction carefully.

Thanks for purchasing and using InfiSense products. Please read this instruction carefully before using the product for your safety and interests. InfiSense will not bear responsibility, if there is any personal injury, property or other loss caused by not following the instruction or precaution of the product.

Description and instruction of this product (hereinafter referred to as "instruction")

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01 Introduction

Infisense FS256 adopts infrared radiation measurement technique to measures body temperature by non-contact means. It provides audio alarms when a person with elevated temperature passes by.



02 Applications

Infisense FS256 is suitable for public places with large flow of people, such as airports, transportation hubs, shopping malls, schools, enterprises, etc.
The product should not be used in strong wind or direct sunlight.

03 Operating Environmental Conditions

This product can work in the environment of 2 ℃~50℃. Please avoid wind, rain, or direct sunlight to ensure its accuracy.

04 Specification

Infisese FS256 Human Body Temperature Measurement System	
Product Model	Infisense FS256 MHT0201XO
Temperature Measurement	
Measuring Range	30~45℃
Measuring Accuracy	0.5℃ (Target temperature：30~45℃)
Range of Measuring distance	0.15m~1m
Infrared Camera	
Resolution	256×192
FPS	25hz
Focal Length	3.2mm
Field of View	56°×42°
F#	1.1
Size	80mm×80mm×14.2mm
Weight	⩽77g
IO	Mini USB
Tablet Information	
Battery Life	⩾5h（No external power supply）
Tablet OS	Windows 10 64bit；
Tripod Dimension	Fold Dimension：540mm Unfold Dimension：1560mm
Packing Dimension	24mm×27mm×8.5mm
Environmental Adaptation	
Working Temperature	2~50℃
Storage Temperature	-20℃~60℃

Declaration：
All information above have been carefully checked. In case of product upgrade, the new edition of the manual will be provided. If there is any change in product appearance and function, take practicality as standard.

05 Components



06 Installation guide

Attach the infrared camera and tablet to the top of the tripod using adapting piece, connect the camera to the tablet with the Tape A to mini USB cable and Type C cable. Adjust the tripod to the right height.