Walk Through Door Type Infrared Thermometer

Main Cnotrol Unit

Metal Detect

1. Alarms for abnormal
2. Body Temperature automatically show

Display Area

Infrared Sensor

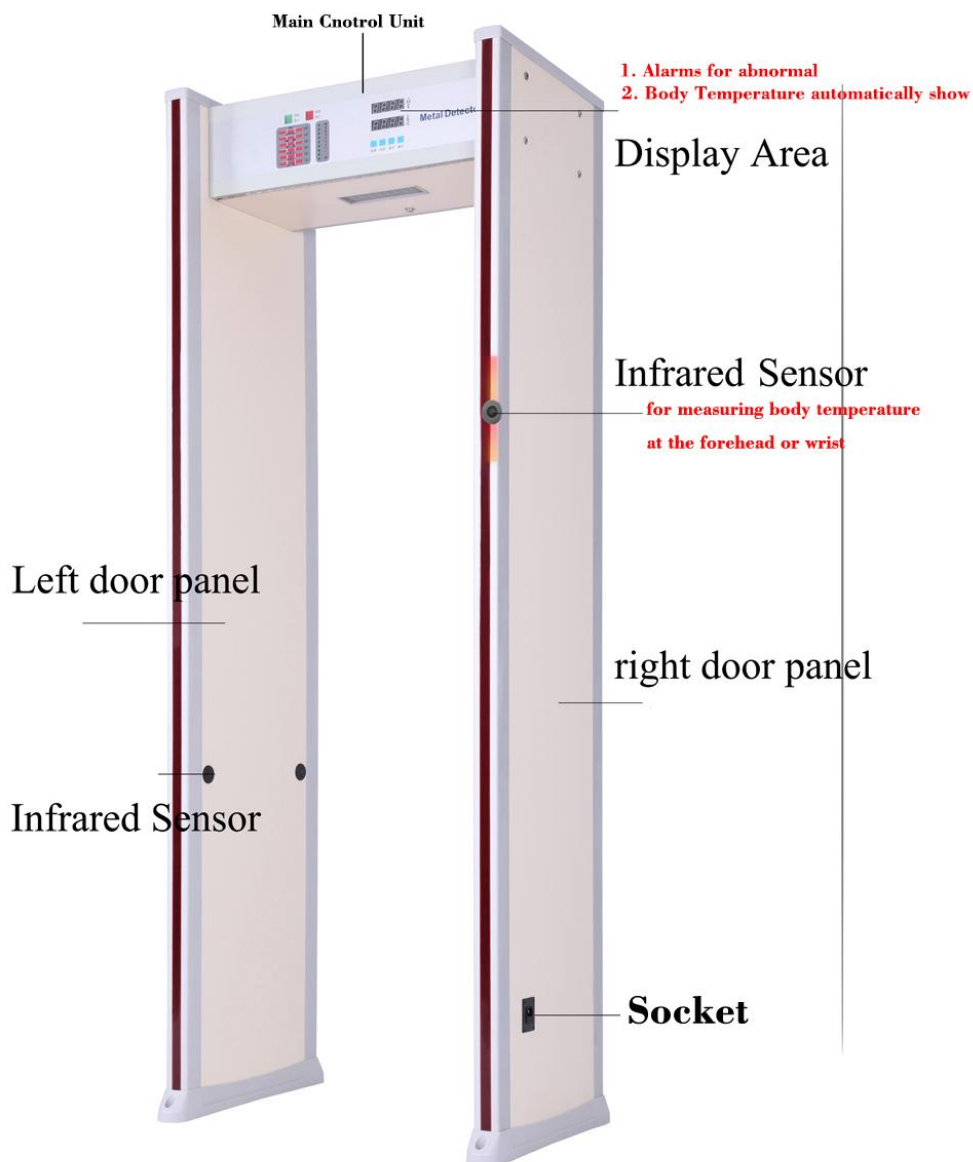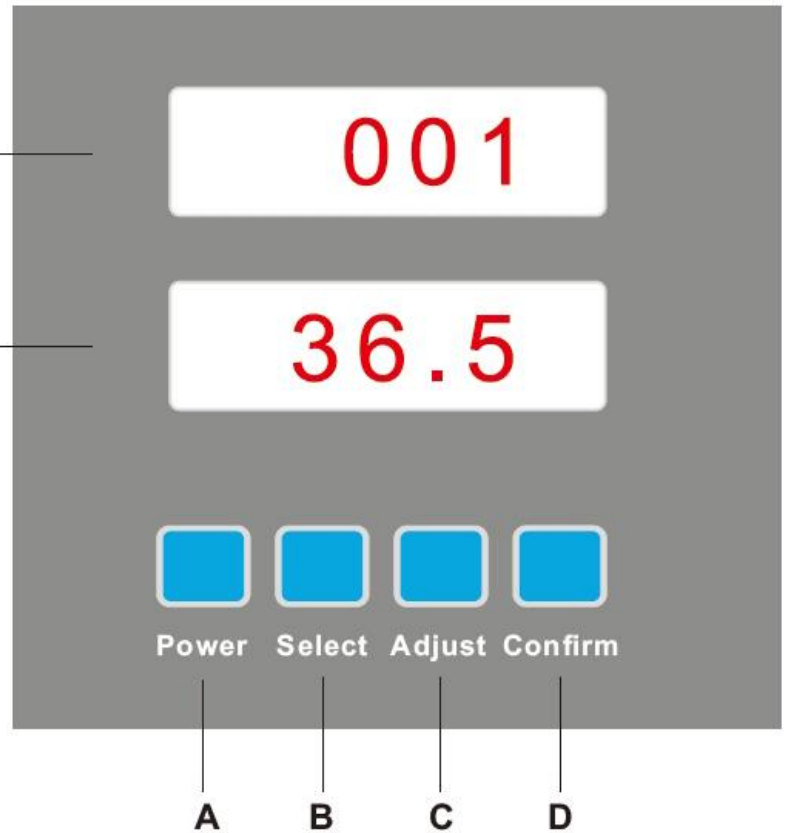for measuring body temperature
at the forehead or wrist

Left door panel

right door panel

Infrared Sensor

Socket

Product Introduction

Walk through infrared temperature detection door, with unique non-contact infrared temperature detection technology, can detect the body temperature through high-precision imported temperature measurement sensor from Belgium.   Audio alarms can be provided for abnormal temperature. It can effectively prevent large-scale disease transmission like corona virus. It can be widely used in temperature monitoring in prisons, courts, schools, hospitals, banks, buildings, electronics companies, ports, passenger stations, exhibition halls, conference centers, major celebrations, concerts and other places.

Display

The first line shows alarms numbers for abnormal temperature

001

The second line shows the body temperature automatically each time there is a measuring

36.5

Power   Select   Adjust   Confirm

A   B   C   D

Product Highlights

Modular component design: Modular design can make the installation, transportation, and maintenance, conveniently and fast.

Human body temperature screening: Built-in high-precision miniature 24-hour dynamic infrared temperature monitor, which can monitor and screen the temperature of human body forehead or wrist.

Non-contact temperature detection: Detection distance of 0.05 to 0.2 meters, Detection height of not less than 1.5 meters Rapid and non-contact for passing personnel Body temperature detection.

High-end components: Adopt the original infrared detector imported from Belgium, with high precision, stable performance and reliable quality.

Non-contact temperature measurement: Fixed infrared temperature sensor measures the temperature of the human wrist or forehead, avoiding Direct contact between the inspectors and the passengers.

Voice alarm: After passing the temperature measurement, it will report two voices: "normal temperature" or "please check again", which helps quickly check the abnormal body temperature.

Application environment: Temperature measurement and screening can be performed normally at minus 10 ° C.

Temperature display: High-brightness LED display, the reported information is clear.

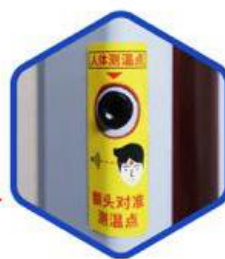**Anti-shock design:** Original anti-shock design, no false alarm under windy or artificial shaking.

Door material: Made from SPCC, PVC material, it is classic, fireproof, anti-corrosion, moisture-proof and anti-collision, with no deformation.

Anti-high temperature false alarm: The STM highly intelligent start temperature measurement program can prevent false alarm caused by high temperature and direct sunlight.

Door material: Made from SPCC, PVC material, it is classic, fireproof, anti-corrosion, moisture-proof and anti-collision, with no deformation.

* LED panel show the value of temperature,high and low temperature up and down line can be set

* Non-touch temperature measuring far away 1-50cm distance , the fastest detection time is less than 0.5 seconds

* Imported from Belgium, Melexis core, medical high precision sensor IR temperature module

* Network output interface can be customized to provide gateway, face recognition, ID card reading information output and secondary development.

* With low temperature weather compensation function, up and down adjustment of 2 ℃, low temperature below zero can work normally

* Real-time voice broadcast temperature is abnormal, high temperature sound and light alarm

Technical Parameters

Shipping weight: approx. 50 kg
Power consumption: <10 W
Working temperature: -10 ~ 40 ℃
Operating humidity: 95%, non-condensing
External power supply: AC100 ~ 240V, 50/60Hz
Working frequency: self-adjusting according to the installation environment
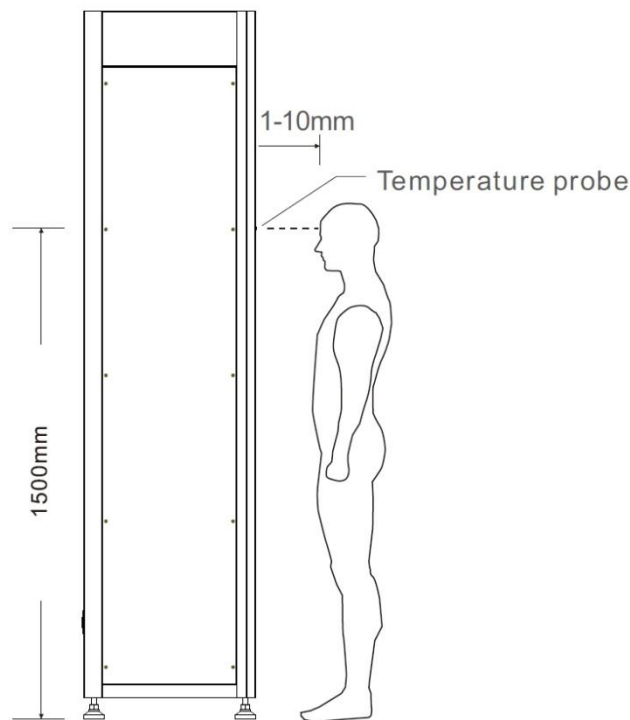Outer dimension: 2210(H)×810(W)×605(D) mm
Inner dimension: 1980(H)×700(W)×605(D) mm

Installation Precautions

1. It is recommended to install in an indoor windless environment. The temperature and security door is outdoors or in a ventilated environment. The cold wind causes the temperature to be inaccurate and needs to be adjusted. High temperature compensation value (5 ℃ each time).

2. This product and the corresponding temperature measurement area must be free of sunlight. The sunlight will cause the temperature to be too high and the temperature measurement will not be accurate.

3. If special circumstances must be used outdoors, it is recommended to set up a shed on site. Shed height is greater than 2.2 meters, try to ensure the scene is stable and airless, People pass slowly and then take a temperature measurement.
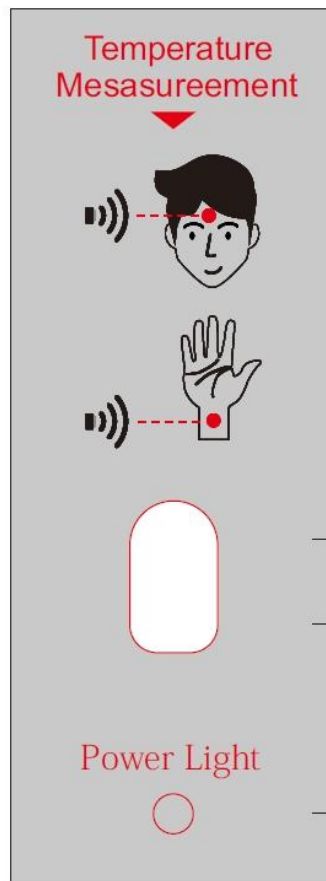
Temperature Measurement Instructions

1. Power on and wait for 30 seconds, keep nothing in front of the temperature sensor.

2. Normal use environment temperature: 0℃ - 30℃; when using at a temperature of about -10℃, the ambient temperature compensation value needs to be increased each time (Adjust 5℃), until the error between the measured value and the forehead gun is within ± 0.3 , and then measure. If multiple body temperature measurements occur Low, you can also use this method to calibrate.

3. Test method: Forehead or wrist body surface temperature measurement.

4. Forehead or wrist body surface temperature can be mixed and measured simultaneously.

5. Keep the test position at the center of the forehead or the wrist covered by the sleeve.

6. Standard test distance is 1cm-10cm. When measuring body temperature at 10-30cm, the ambient temperature compensation value needs to be increased (5℃ each time) until The measurement error of the forehead gun is within ± 0.3, and then measure.

7. Test time: 0.5 seconds. After the measurement is completed, remove it quickly, otherwise the measurement will be repeated.

8. In the process of measuring body temperature, due to the influence of the measurement speed, the body temperature will suddenly rise and fall. When encountering this situation, Please take the body temperature continuously 3-5 times, and take the average value as the final measurement value.

9. The instrument automatically detects the temperature of the object in 20cm in front of it. After measuring the temperature, we have to move our hand or forehead away. If we keep close to the sensor for long time, it will stop working as a protection.

Temperature measurement module description

Temperature probe：

Real time infrared thermo sensor to detect temperature, ready in 30 seconds after power on.

Temperature switch：

The distance sensor starts working when a person or object is in 20 cm to it. If the temperature of person or object detected is ≥ 35.5℃, the voice "Normal temperature" is trigged; If it's lower than 35.5℃, or higher than the set value with alarm, the voice "Please check again" is trigged.

When the ambient temperature is lower than 15℃, If the temperature of person or object detected is ≥ 34.5℃, the voice "Normal temperature" is trigged; If it's lower than 34.5℃, or higher than the set value with alarm, the voice "Please check again" is trigged

Special attention: the distance sensor shall not be blocked, otherwise it will repeat the voice broadcast.

Temperature indicator:

After the temperature measurement module starts, the indicator lights up. When looking at the temperature indicator, the measured temperature data is the most accurate.

Product Compliance

Through the European Union CE, FCC, RoHS certification;
Radiation shall be carried out in accordance with EN50081-1;
Anti-interference shall be implemented according to EN50082-1 standard;
Passed ISO 9001:2008 Quality Management System certification;
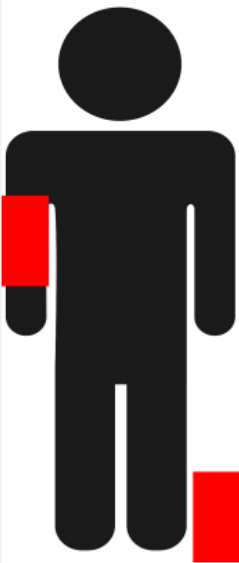Passed ISO 14001 Environment Management System Certification;
OHSAS occupational health and safety management system certification;

Software for data remote control option:

Door ID	FR number	BA number	Number of	Rm area	Body	Alarm time
2	5	6	8	01 00 00...	37.22	20200227 1...

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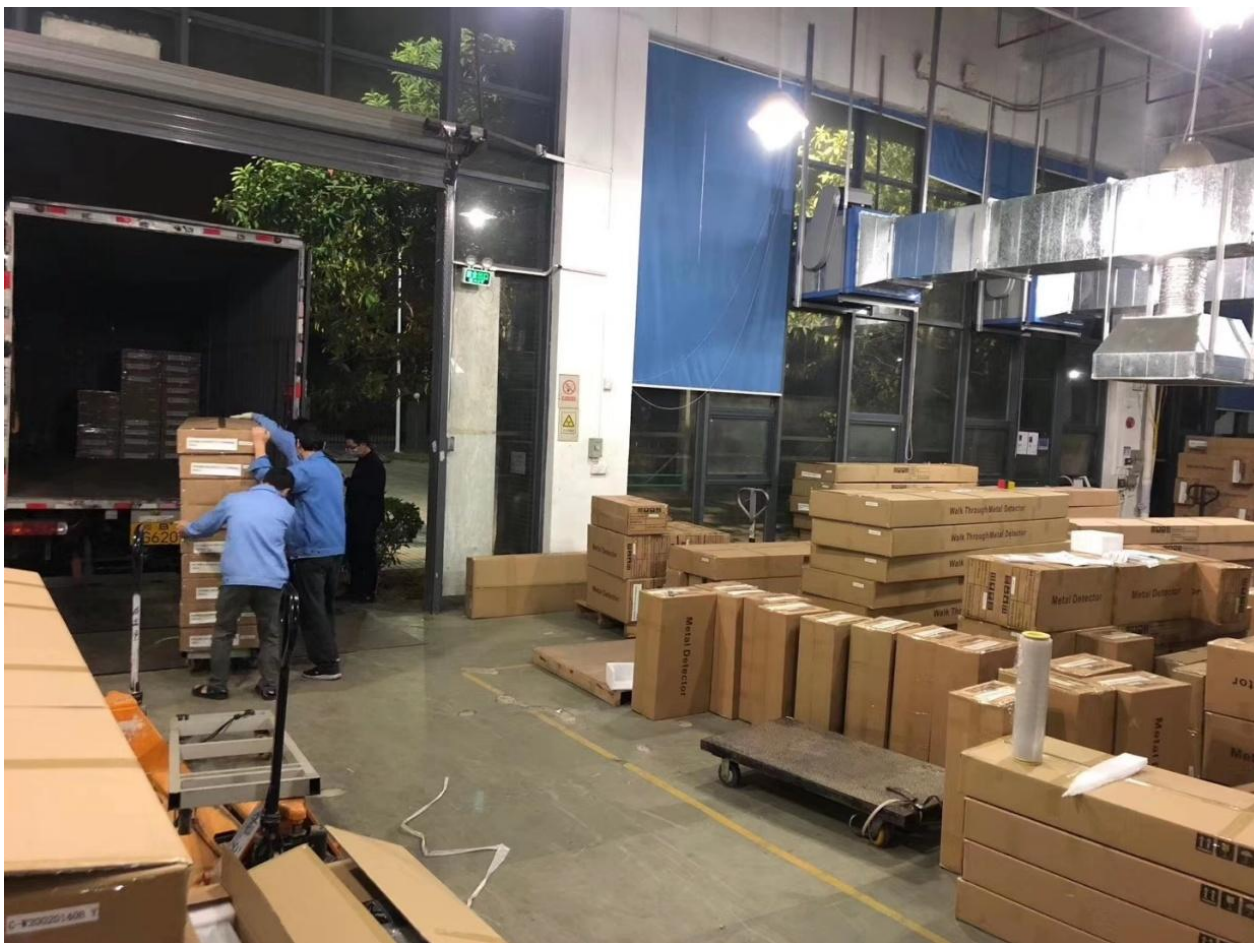
Delete   Export

Pass Num   Number of alarm   Body temperature

Server IP : 192.168.0.189 Server Port : 12345 Num of Door connected : 0 Run time:0Day0Hour0Min12Sec
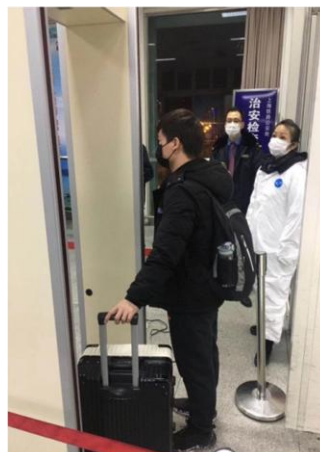
Packing:

Installation:

At the supermarket	At the airport	At the school

Reference Videos

https://www.youtube.com/watch?v=4npF46RBnGk
installation-AT300DX

https://www.youtube.com/watch?v=dwRLt7trZrM
300TX testing video

https://www.youtube.com/watch?v=TRWKykkmIJU
AT300DX in supermarket

https://www.youtube.com/watch?v=c2wPCqcW-C8
AT300DX testing in office

https://www.youtube.com/watch?v=3o1ioxwJruc
AT300DX in military