

Introducing New  
**Foscam AI Thermal Body Temperature Monitoring System**

Simple Assembling / Automatic Calibration  
Accurate & rapid measurement

### All in One Solution

Foscam FBT-02 is a complete one-stop face recognition and thermal body temperature monitoring system. This system is an ideal device to be used in crowded areas for public health where measuring body temperature quickly is of critical importance.

Now many organizations and industries use this technology to help in the global fight against COVID-19.



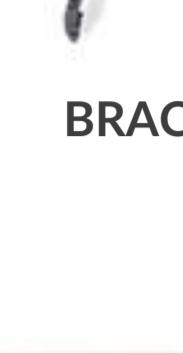
Non-contact, enables social distancing



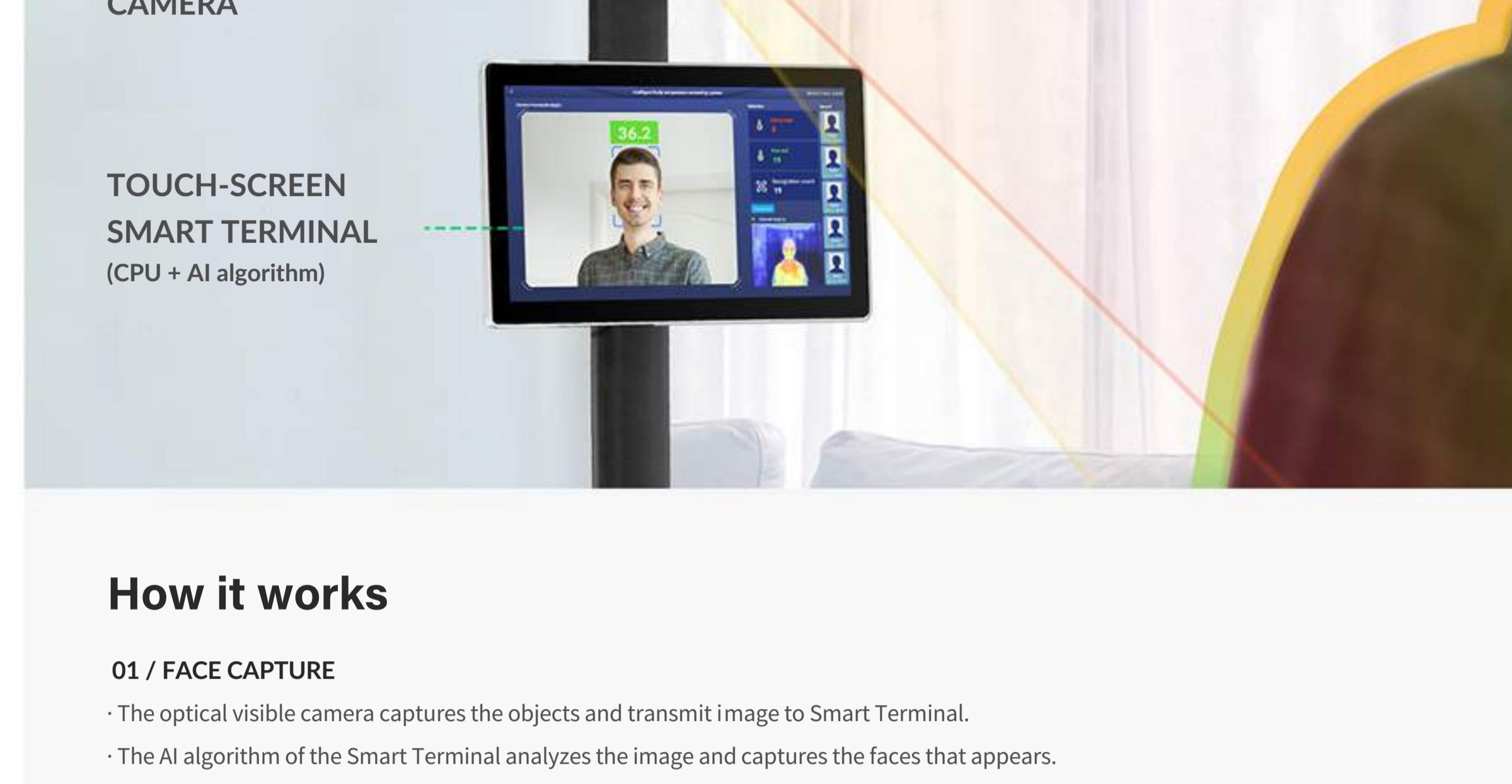
Automatic, accurate & rapid measurement



Simple Assembling & easy to use



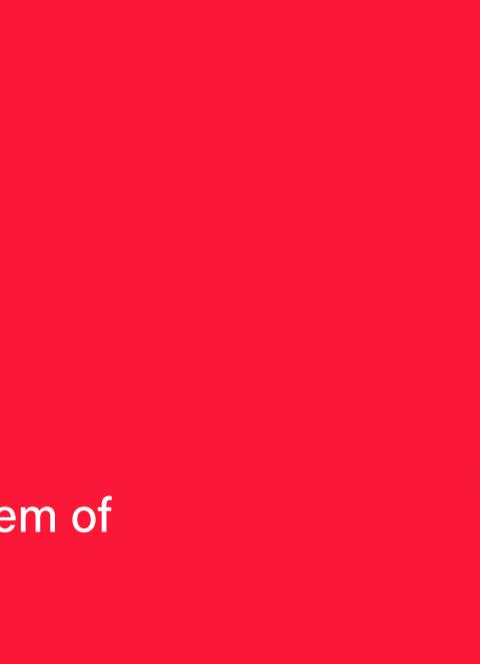
Affordable, significantly lower price



### What's Included



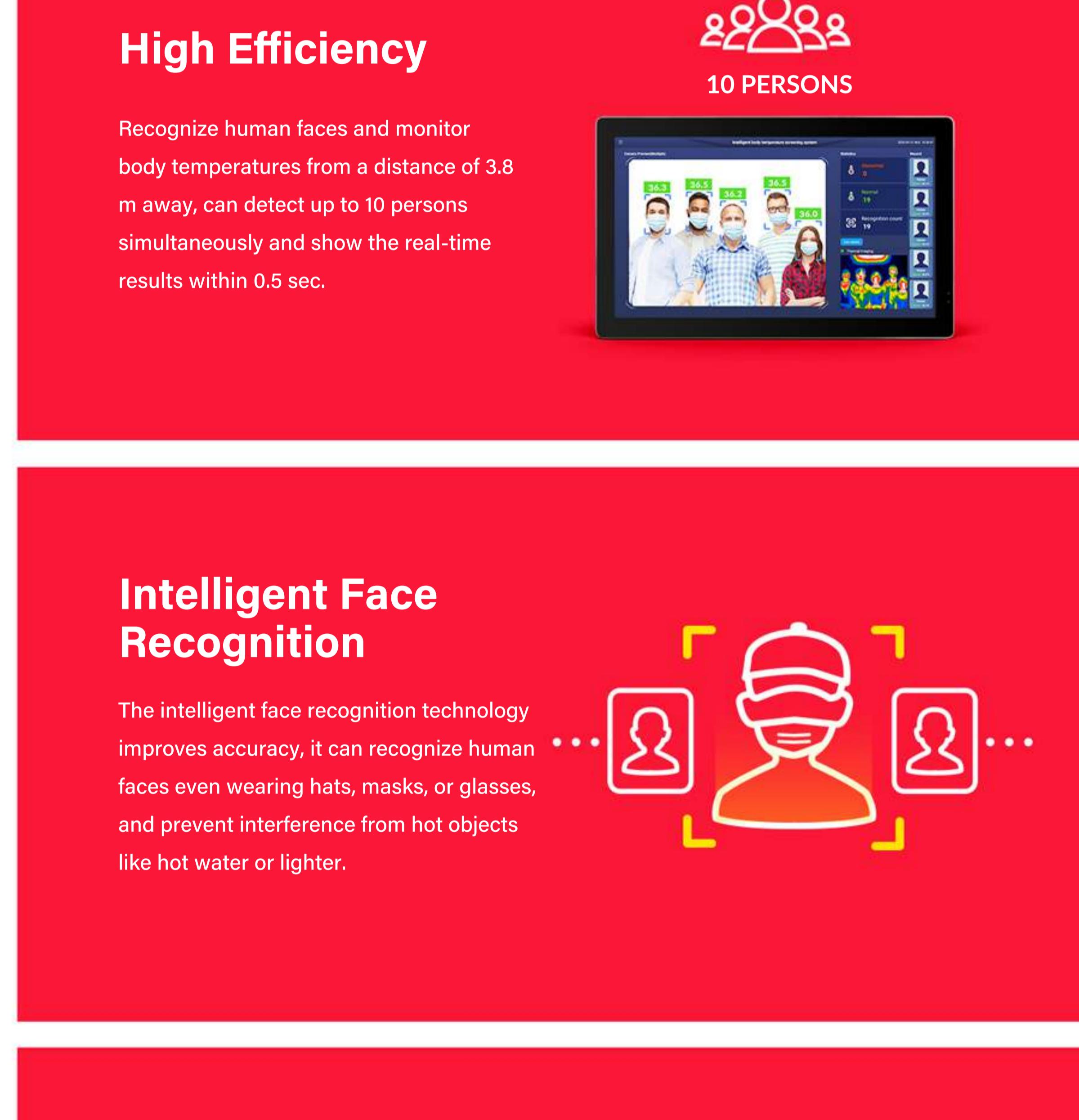
CAMERA



TOUCH-SCREEN SMART TERMINAL



BRACKET



### How it works

#### 01 / FACE CAPTURE

- The optical visible camera captures the objects and transmit image to Smart Terminal.
- The AI algorithm of the Smart Terminal analyzes the image and captures the faces that appears.

#### 02 / TEMPERATURE MEASUREMENT

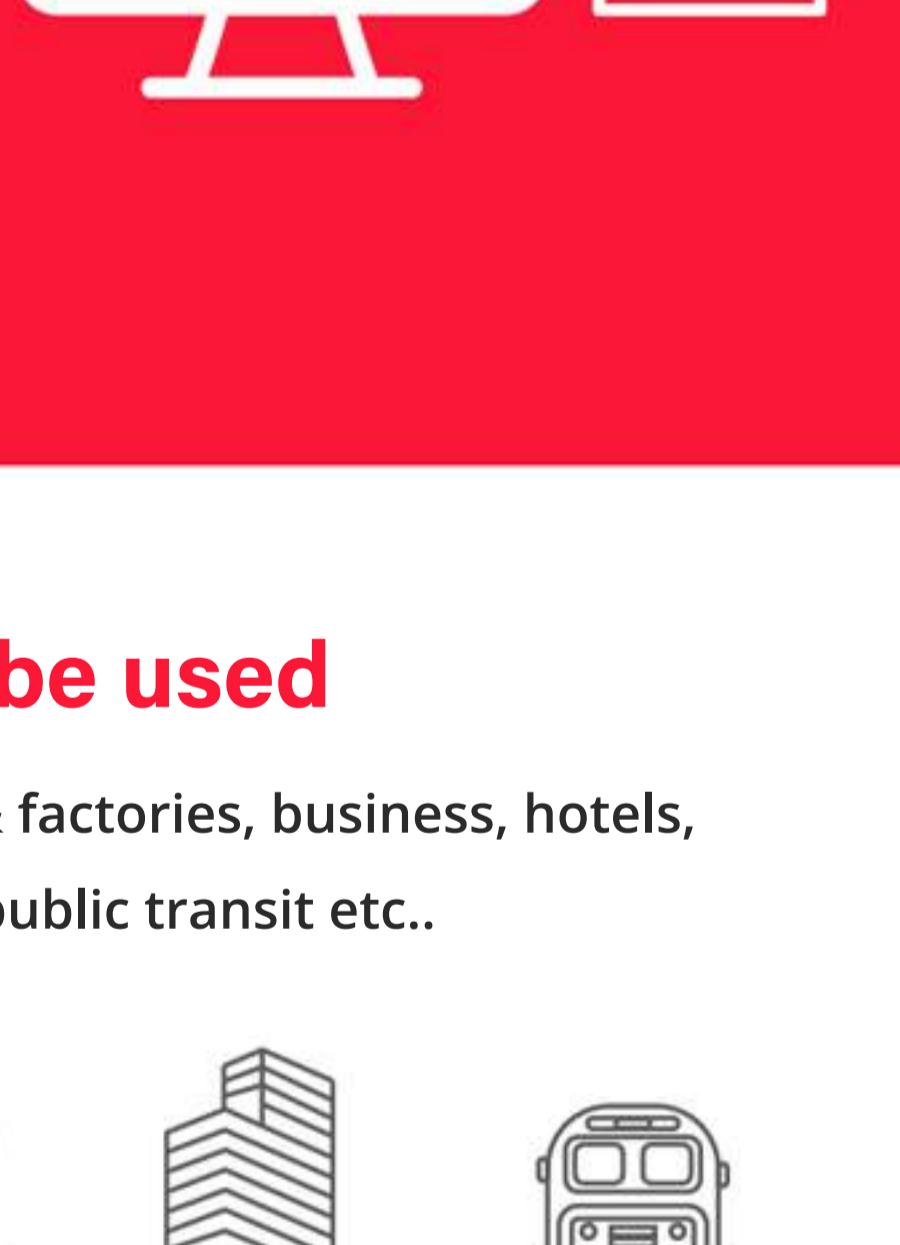
- AI algorithm analyzes the position and size of the face in the image
- The smart terminal sends the position and size information to the thermal camera. The thermal camera calculates the temperature information of the area and sends it back to the smart terminal.
- The smart terminal calculates the actual temperature of the human face according to the algorithm.

#### 03 / FACE & MASK RECOGNITION

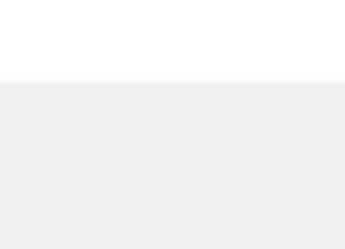
- The smart terminal determines whether the face is wearing a mask based on the AI algorithm
- If no mask detected, the smart terminal will search face information in the face database and show the recognition result.
- If mask is detected, the smart terminal will exclude the mask area when calculating the face temperature

### High Accuracy

With built-in blackbody, the system of automatic calibration ensures measurement with high accuracy within +/- 0.3°C (0.54°F).

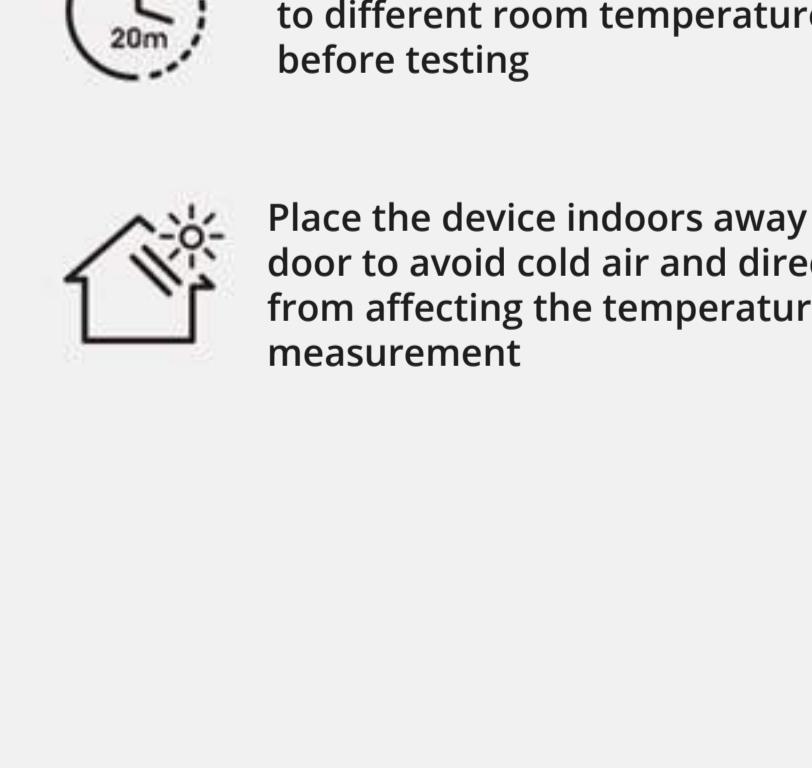


### High Efficiency



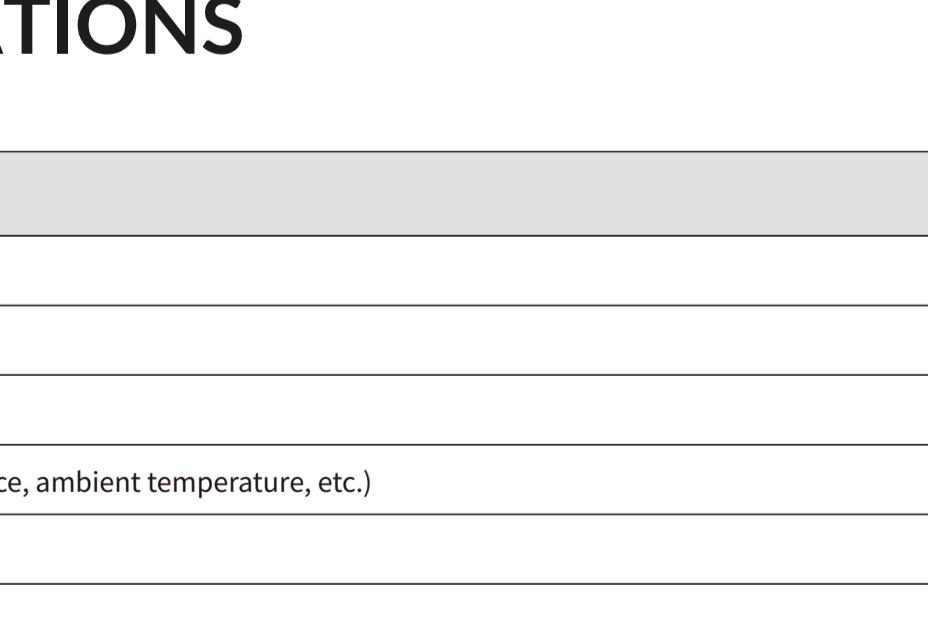
10 PERSONS

Recognize human faces and monitor body temperatures from a distance of 3.8 m away, can detect up to 10 persons simultaneously and show the real-time results within 0.5 sec.



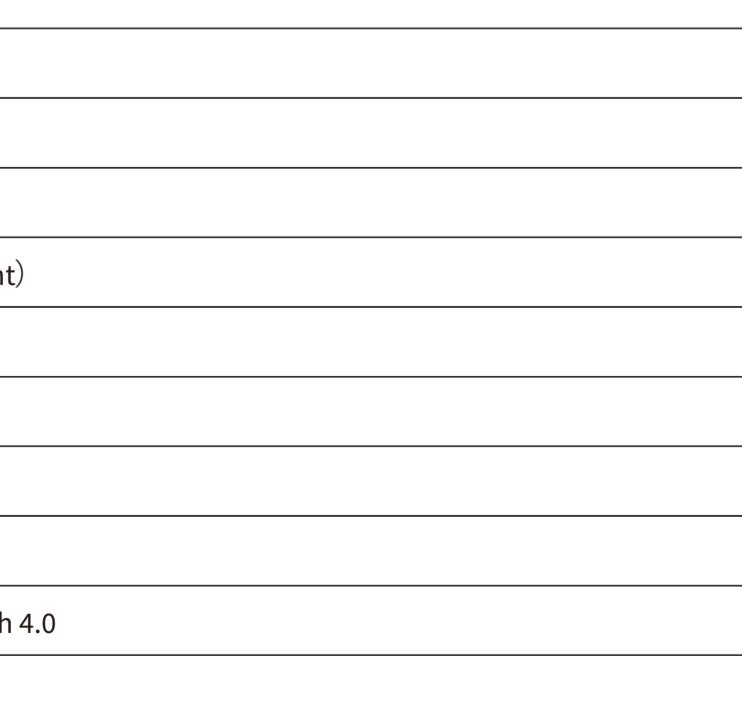
### Intelligent Face Recognition

The intelligent face recognition technology improves accuracy, it can recognize human faces even wearing hats, masks, or glasses, and prevent interference from hot objects like hot water or lighter.



### Simple Assembling

Cameras with built-in blackbody and smart terminal with software are integrated and preset, no external blackbody, computer or server is needed, just assemble it and use it after power up.



### High Temperature Alerts

With built-in siren alarm, it will alert you to high temperature readings and can send notifications via email.



Wait minimum 20 minutes to adapt room temperatures before testing

Place the device indoors away from the door to avoid cold air and direct sunlight from affecting the air temperature

Wait minimum 5 minutes and automatic calibration after power up

Indoor Use (room temperature 15° ~ 37°)

Stand and face the detector within 3.8 meters

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