TEMPERATURE SCREENING SOLUTION

Thermal Camera & Face Recognition Tablet

Current Situation

The traditional body temperature detection methods are mainly contact ear thermometers and mercury thermometers. When there are many people to be inspected, such methods not only require a lot of manpower and material resources, high cost, but also time-consuming detection, but also increase personnel contact Security risks.

Need contact to detect

Need to contact users closely, there is a risk of infection.

Low Efficiency

It needs to be measured one by one, which takes a long time, especially the mercury thermometer.

Low Intelligence

Requires a lot of manpower and time cost, inconvenient

Solution Value

Fast

Effectively reduce the enterprise in manpower and time cost investment, we want to detect faster.

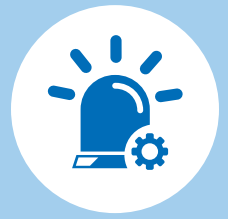
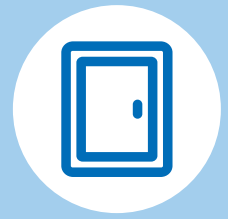
Easy

During the prevention and control of the epidemic, also want to reduce the inconvenience to the staff.

Smart

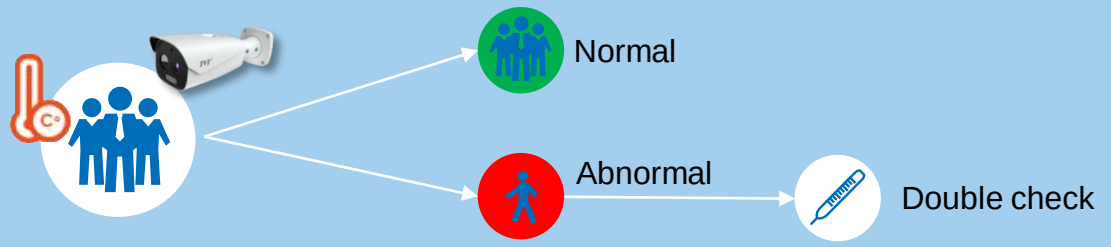
Simplify the workload of temperature measurement, and also simplify the workload of management supervision.



Solution Overview

Business Process



Large flow scenarios

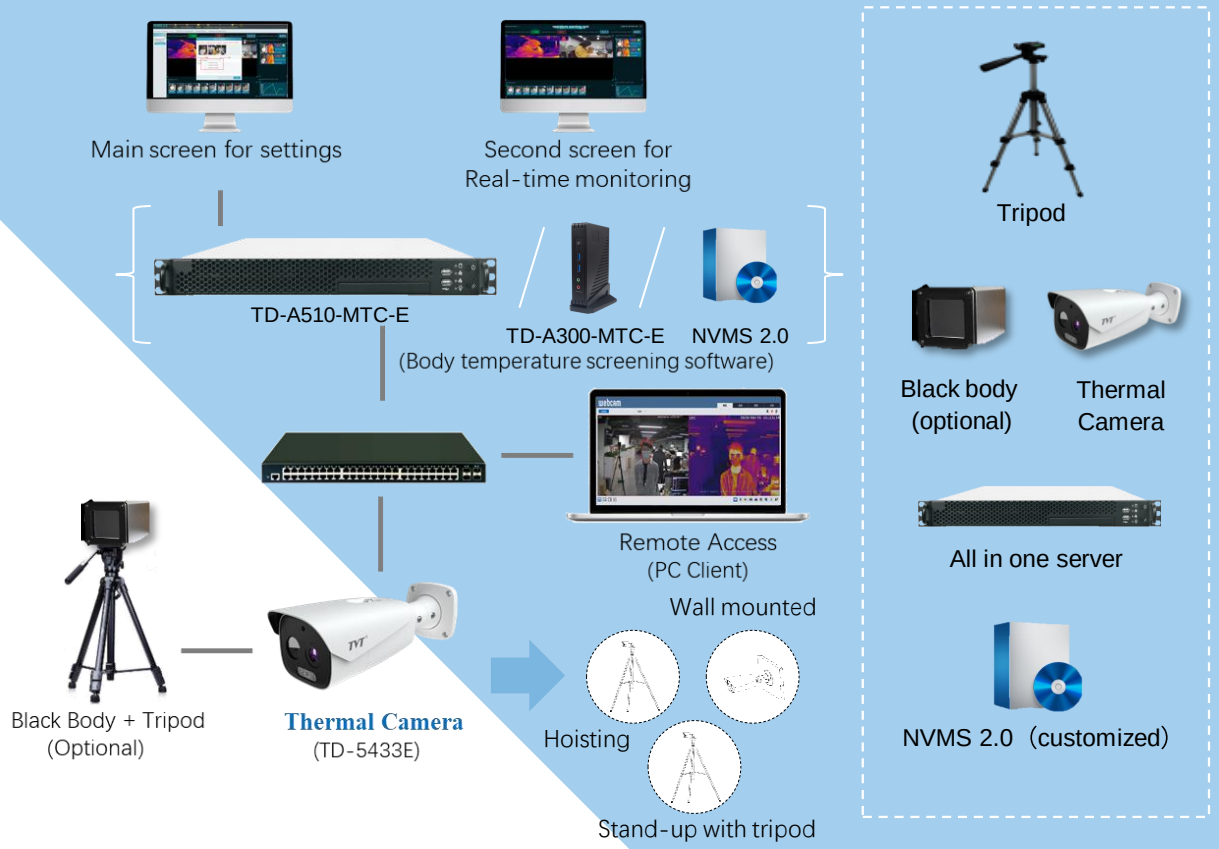
- Indoor
- Monitoring with large area is required, the temperature cannot be measured one by one.
- ID recognition is not necessary, mainly focus on temperature measuring , especially for people with abnormal temperature

Temperature Measuring + ID Recognition scenarios

- Indoor, in a queue
- Flexible alarm trigging options with ID recognition , temperature measuring and mask detection.

Large flow scenarios

- Contactless measuring with high accuracy
- Quick temperature measuring: 300-600 people/min
- Real-time alarm and continuously track suspicious targets .
- Temperature screening over people head
- With black body , the accuracy from±0.5℃ to ±0.3℃
- Easy deployment



Thermal Camera

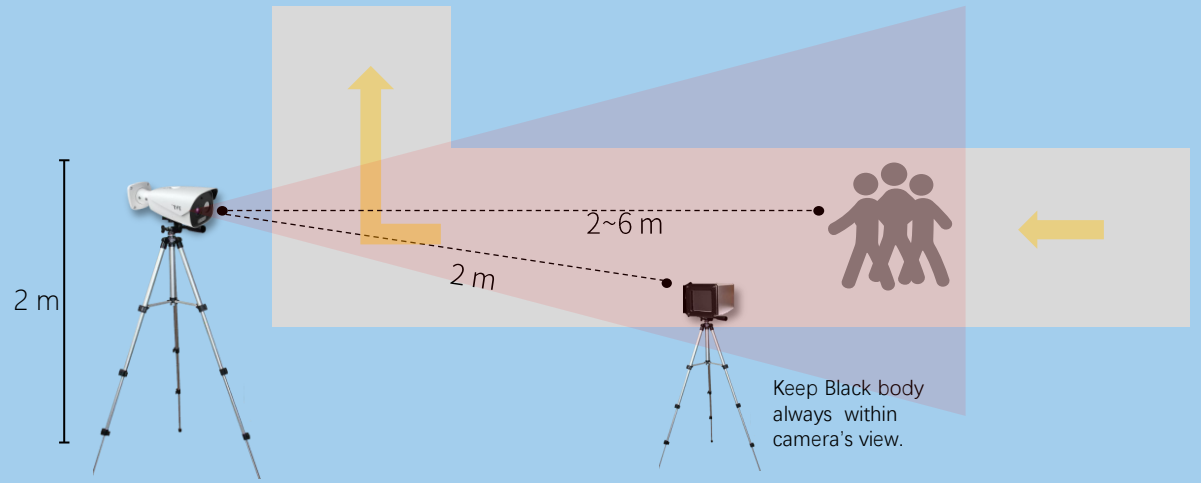
TD-5433E

- Thermal: 384x288 , lens: 12.3mm
- Optical: 2592x1944@30fps, lens: 8mm
- **Accuracy: ±0.5℃(without black body)**
  ±0.3℃(with black body)
- Measurement range: 30℃～42℃;

Black body

TD-5001

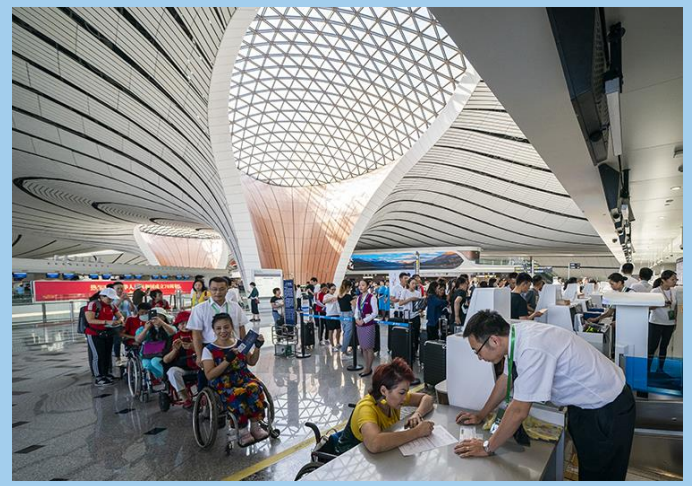
- Resolution for temperature: 0.1℃
- Accuracy: ±0.2℃
- Stability: ± （0.1~0.2）℃/h
- Effective Emissivity: 0.97±0.02
- Environment Temperature: 0~40℃



- A relatively stable indoor environment is recommended
- Camera Installation height: 2m
- Black body installation height: 1.8m
- Distance between camera and black body: 2m
- Distance between camera and people: 2~6m （12.3 mm lens）
- Please don't build this set equipment just against the entrance of buildings, it will be better if some distance away from the entrance , because people come from outside, there's some influence on the temperature from the environment

Application Scenarios

Supermarket entrance



Airport security lines

Restaurant entrance

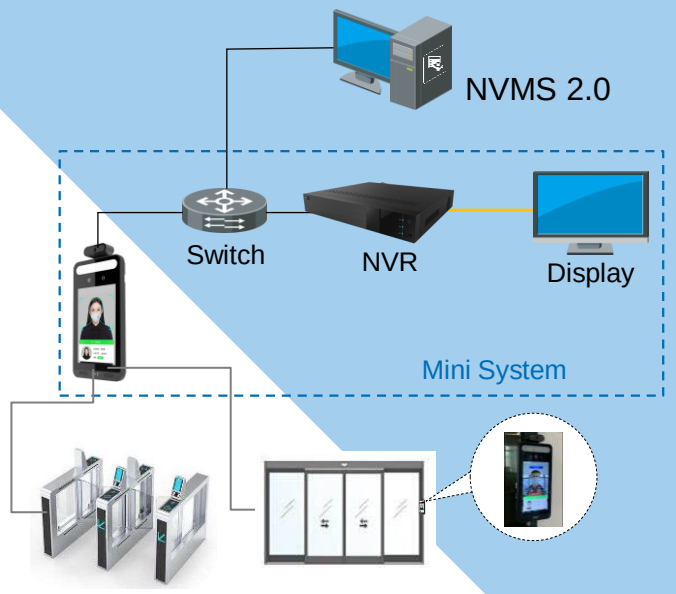
Campus gate

Subway entrance

Shopping mall

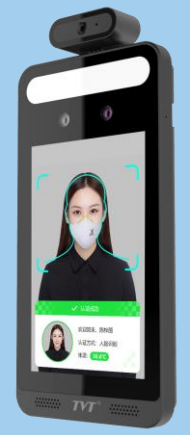
Temperature Measuring +ID Recognition scenarios

- Non-contact infrared temperature measurement
- Quick temperature measuring: 30 people/min
- Deep learning algorithm, precise face recognition with mask on
- Real-time temperature display
- trigger voice alarm when abnormal temperature and no mask are detected
- Wall installation, Aisle installation, embedded Installation and desktop



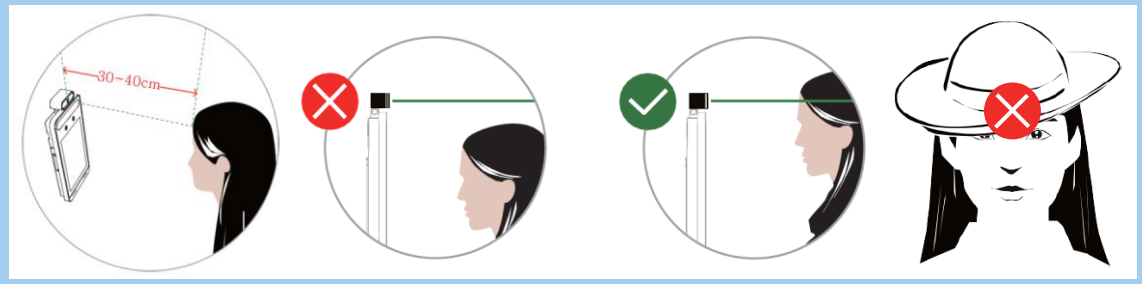
The equipment can be installed in shops, offices, communities, hotels, apartments, schools and other environments.
The equipment can be linked with the automatic door, Aisle machine and other equipment.

8 inch LCD screen
2MP dual-lens, f=3.97mm @ F1.6
Masked-face recognition is supported
Max. capacity with 20,000 faces
Wiegand input/output（26/34）
Temperature accuracy: ±0.3℃
Temperature Range: 0~50℃
Soft white light, 1-3m
Loudspeaker



TD-E2128-TM

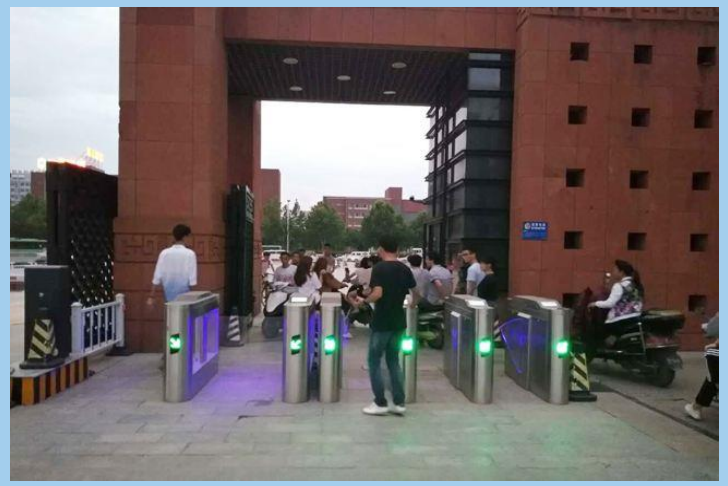
- Non-contact infrared temperature measurement
- Precise face recognition with mask on
- Abnormal situation monitoring
- Voice alert for abnormal situation



Notes：

- A relatively stable indoor environment is recommended
- Installation height can be 1.2m-2.2m (depends on local average height)
- Please keep the distance between the face and the tablet with 30-40cm.
- Please don't cover forehead with hat or hair .
- Please don't sweat on the forehead, especially after exercise.
- When people come from outside, there may be deviation with real temperature, can test again after some minutes.

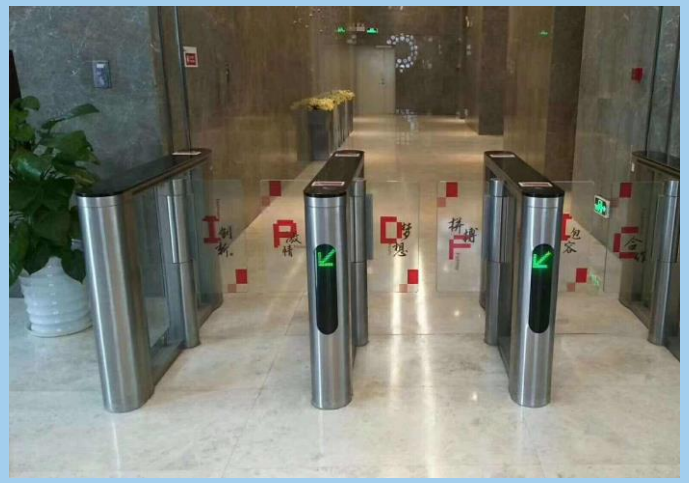
Application Scenarios



Campus entrance

Apartment entrance

Factory entrance



Office building entrance

NVMS 2.0 Temperature Screening Solution

Live Preview

- The live interface will trigger an alarm when the temperature exceeds the threshold , optional with voice alarm
- The bottom shows all the real-time snapshots with temperature values

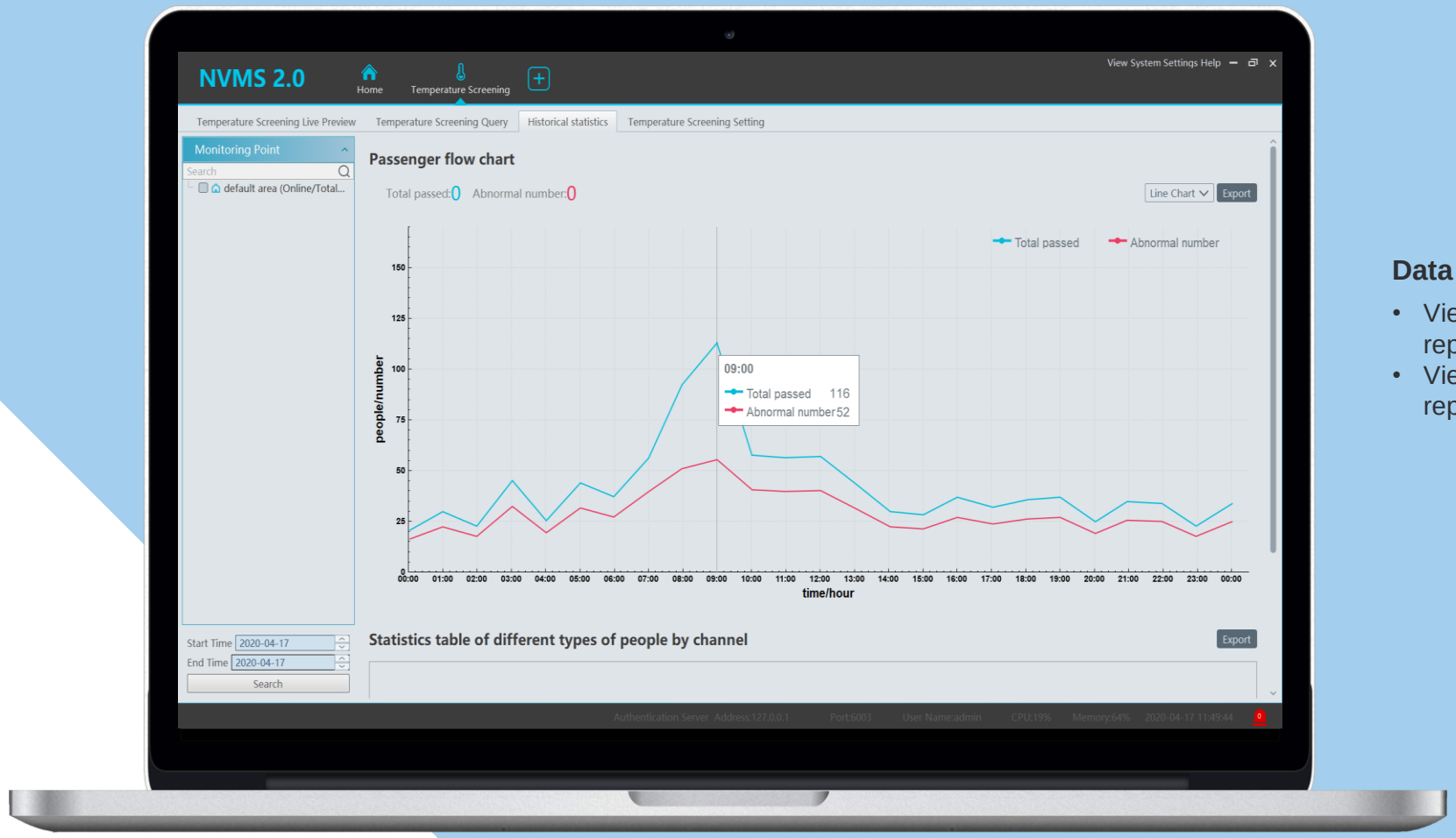
Data Backtracking

- Support to search historical snapshots and temperature data

Statistics Board

- Intuitively display the general situation with real-time update

NVMS 2.0 Temperature Screening Solution



Data Report

- View the statistics for all monitoring points , and export the report
- View the statistics for single monitoring point , and export the report

Product Showcase

TD-5433E

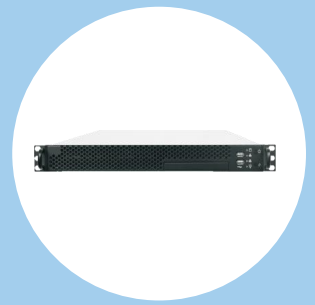
Thermal Camera

Fast preliminary temperature screening without contact

TD-5001

Black Body

Calibration at any time to ensure measurement accuracy



TD-A510-MTC-E

All-in-one Server

Built-in NVMS2.0, including temperature screening solution

TD-A300-MTC-E

All-in-one Server

Built-in NVMS2.0, including temperature screening software

TD-E2128-TM

Face Recognition Tablet

Fast preliminary temperature screening without contact

TD-3104B1H / TD-3308B1-A1 / TD-3316B2-A1

NVR

Use with matching Temperature screening face recognition terminal, Support temperature real-time display, storage, search, statistics and exception message push

NVMS 2.0

Temperature Screening Solution

Live preview
Data backtracking
Statistics Board
Data Report

Thanks

Secure the World with You

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