AVAIDEN SYSTEM HIKVISION

Hikvision **Screening** Solution

Avaiden System SDN BHD

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Foreword

Human **Skin-Surface temperature** is an important indicator of physical health. In many scenarios, people with abnormal skin-surface temperatures need to be **detected quickly and accurately** in order to take measures to prevent the situation from further deterioration.

Current Situation

Traditional methods like using the ear thermometer or mercury thermometer perform well in accurately detecting people with abnormal skin-surface temperatures. However, all of these methods have obvious and significant deficiencies:

Close Contact, High Risk

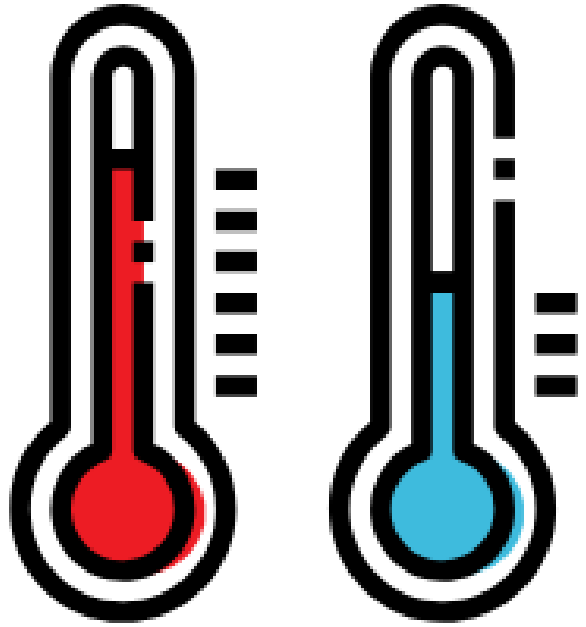
- Close contact among the users, leading to high risk of infection.

High Cost, Low Efficiency

- Lots of manpower invested.
- Person-by-person inspection is inefficient.

Difficult to collect statistics

- Manual registration is required, which may lead to human error and not so timely feedback.



Better Approach

Using machines instead of manpower alone can be a much better choice in many ways.

n Reducing the contact among people. The detection process can be fast and convenient, as imperceptible as possible, and can minimize the impact on people's daily travel.

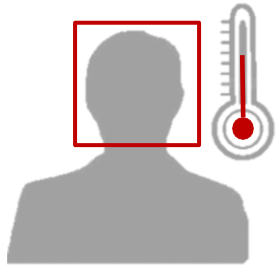
n Effectively reducing manpower, and improving the detection rate of abnormal skin-surface temperature.

n Producing real-time and accurate temperature measurement data for management and decision-making.

Solution Business Flow

Entering

1



Human skin-surface temperature measurement

2

Locating potential fevers

3

Double check with mercury or ear thermometers.

4

Fast preliminary fever screening without contact

SAFE

no contact, reducing cross-infection possibilities.

E EFFICENT

Automatic alarm triggering, reducing manpower invested.

A ADAPTABLE

Multiple product types, easy to deploy, and suitable for different scenarios.

T TRACEABLE

Combining temperature, image and face identification for easy management and query.

Solution - Fever screening thermographic handheld camera

DS-2TP31B

Solution composition:

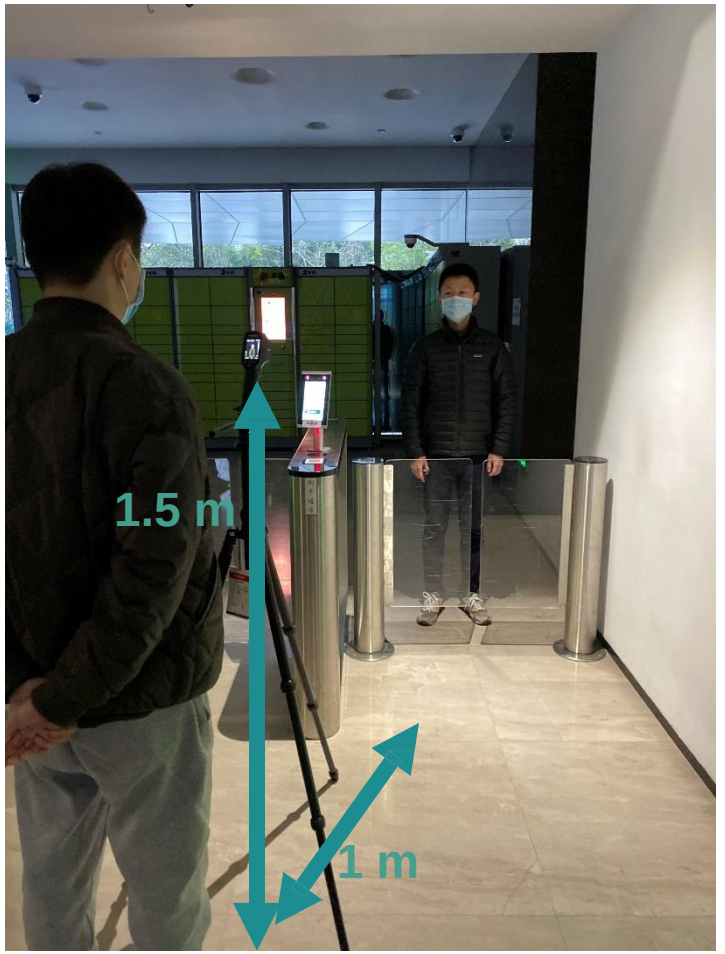
Thermographic handheld camera + Tripod (Optional) + Monitor operator

Solution Advantages:

- Flexible and simple to use
- Rapid setting up and adapt to sudden event
- Accuracy is **±0.5 degree**, satisfy preliminary fever screening requirement

Set up tips:

- The camera is recommended to install in **1.5 meter high**, keep the distance between target and camera about **1m**
- Recommend to install in a stable environment without wind **indoors**.
- People pass by the thermographic camera one by one , the operator read the maximum value in the screen.



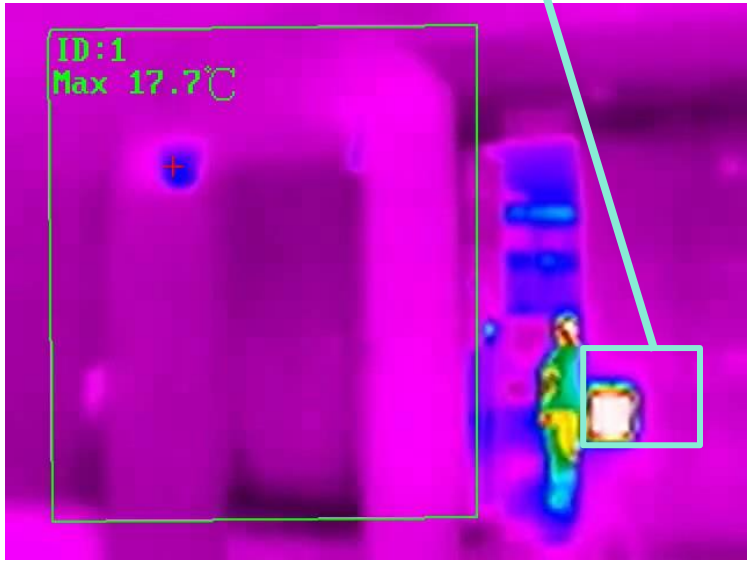
Solution - Fever screening thermographic handheld camera

Scheme performance :

Solution – Economical thermographic fever screening scheme

Scheme performance :

Solution – Professional thermographic fever screening scheme

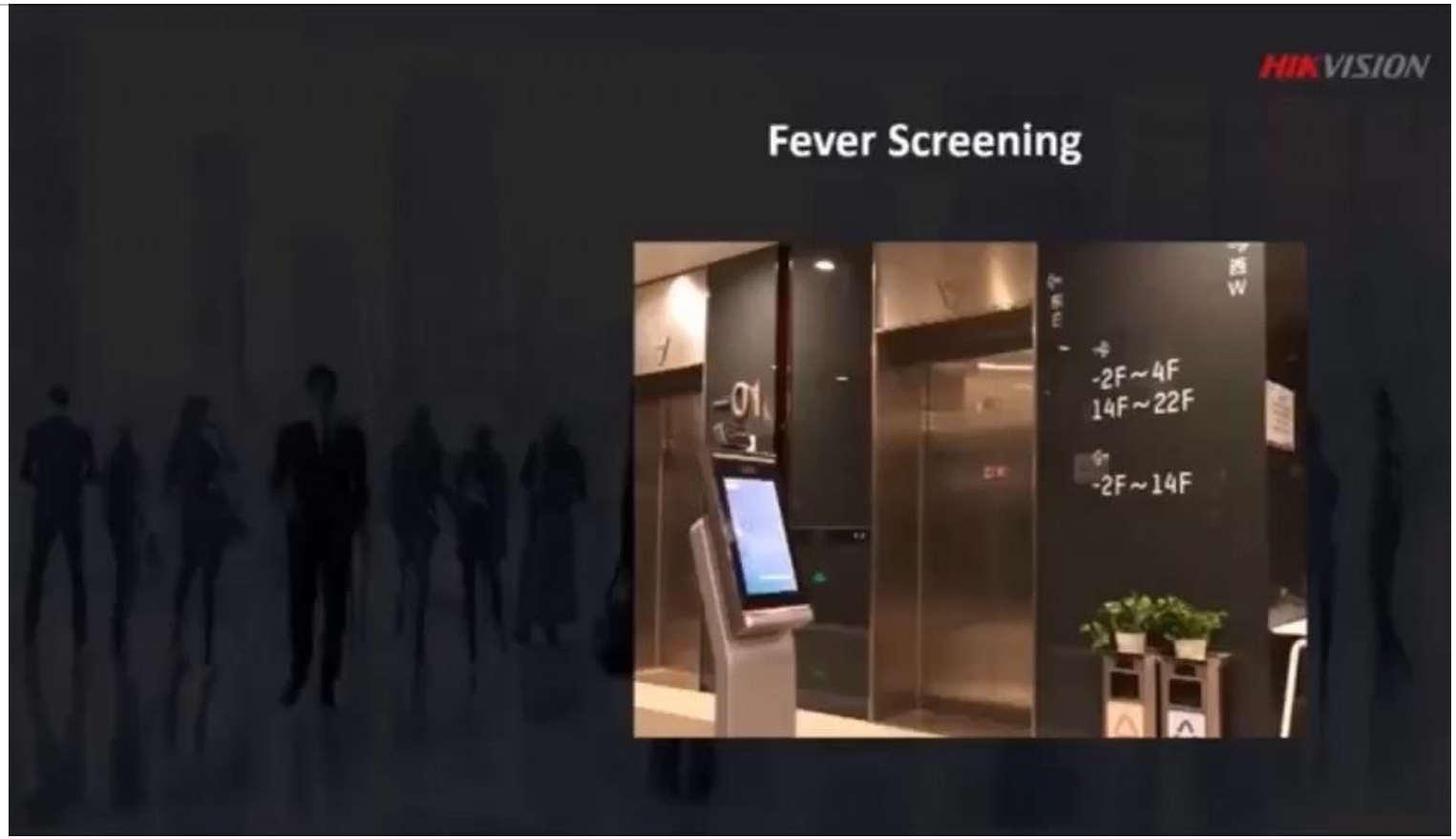


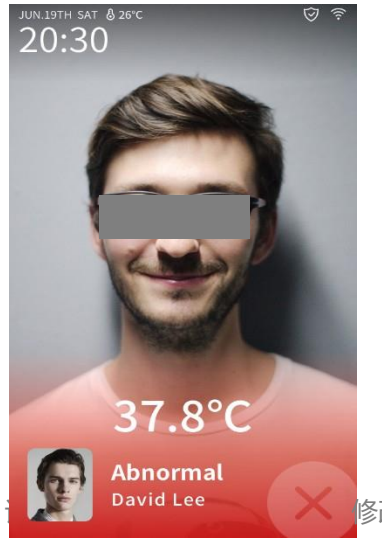
Performance videos of thermal &optical channel

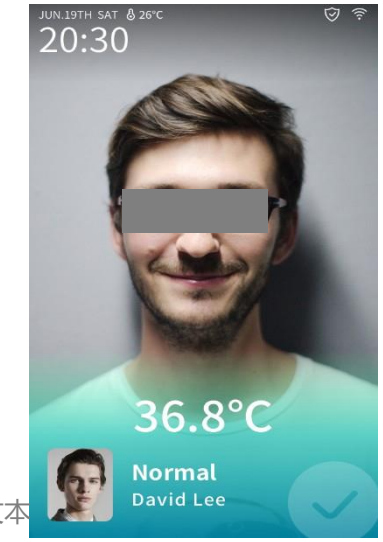
Temporary setting up & monitoring scheme

Long-term setting up scheme

Solution – Access Control + Fever Screening







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Product Showcase

Thermal bullet camera

- Thermal: 160 × 120 ;
- Lens: 3 mm / 6 mm ;
- Optical: 2688 × 1520 ;
- Optical lens: 4 mm / 8 mm ;
- Video mode: Bi-spectrum image fusion ;
- Accuracy: ±0.5℃ (± 0.3℃ with black body)
- Measurement range: 30-45℃
- Supports audio alarms

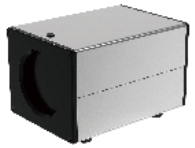
DS-2TD2617B-3/6PA(B)

Thermal turret camera

- Thermal: 160 × 120 ;
- Lens: 3 mm / 6 mm ;
- Optical: 2688 × 1520 ;
- Optical lens: 4 mm / 8 mm ;
- Video mode: Bi-spectrum image fusion ;
- Accuracy: ±0.5℃ (±0.3℃ with black body)
- Measurement range: 30-45℃
- Supports audio alarms

DS-2TD1217B-3/6PA(B)

Black body Calibrator



- Temperature resolution: 0.1℃
- Accuracy: ±0.1℃
- Temperature stability: ±0.1℃/h
- Effective emissivity: 0.97±0.02
- Operating temperature: 0-30℃

DS-2TE127-G4A

Thermal bullet camera

- Thermal: 384 × 288, lens: 15 mm/13/10mm ;
- Optical: 2688 × 1520, lens: 6mm/6mm/4mm ;
- Accuracy: ±0.5℃ (± 0.3℃ with black body)
- Measurement range: 30-45℃
- Working temperature: 10-35℃
- AI human detection, false alarms reduction
- Simultaneous fever screening for multiple people (Up to 30 people)

DS-2TD2636B-15/P
DS-2TD2636B-13/P
DS-2TD2637B-10/P

Handheld thermographic camera

- Thermal resolution: 160 × 120;
- Measurement range: 30-45℃
- Touch screen
- Accuracy: ±0.5℃
- Bi-spectrum image fusion

DS-2TP31B-6AVF/W

Product Showcase

Turnstile

- 650-1100 mm width left/middle/right lane
- Speed of throughput: up to 60 people/min
- 12 pairs of IR light detectors
- Build-in controller & IC card reader
- SUS304 stainless steel pedestal & acrylic swing
- Face recognition terminal & temperature measuring, and device installation hole is reserved.

DS-K3B601series

Metal Detector Door

- 18 independent detection zones, LCD screen
- Thermal camera resolution: 160 x 120
- Temperature range: 30~45℃
- Temperature accuracy: ±0.5℃

ISD-SMG318LT-F

Fever screening face recognition terminal

- Face identification & fever screen & mask detection.
- Voice reminder of not-wearing masks, and no-mask entrance is prohibited.
- Face capacity: 50,000, Card capacity: 50,000
- Temperature accuracy: ±0.5℃, range: 30~45℃
- Face Recognition Duration(1:N) ≤0.2s
- Face Recognition Distance: 0.3m ~ 2m

DS-K1T671TM-3XF
(wall mounting)

DS-K5604A-3XF/V
(for new or
existing barrier gate)

DS-K5604A-3XF/V
(stand alone or
existing barrier gate)

Product Showcase

Interactive Screen

- 65" or 75" or 85", 4K(3840 × 2160), 20 points infrared touch control, industrial screen protection.
- Built-in Wi-Fi realizes wireless screen mirroring without any cable connection. Built-in interactive whiteboard system allows annotating and sharing.

DS-D5A65RB/A
DS-D5A75RB/A
DS-D5A86RB/A

OPS box

(Open Pluggable Specification)

DS-D5AS5/8S1L

- Inserted in interactive display slot (not including Operation System)
- Intel® Skylake_U/Kabylake_U Core™ i5, Intel® HD Graphics 4600, 8 GB memory, 12 8GB SSD

Monitor

- 1080P, HDMI/VGA input, view angle:178°/178°, plastic casing, VESA, base bracket included, 7*24h

DS-D5024FN
(23.8”)

DS-D5032QE
(31.5”)

DS-D5043QE
(43”)

DeepinMind NVR

- 8 channels of picture or video streaming; 32-library capacity with up to 100,000 face pictures in total.

iDS-6708NXI-I/8F(B)

- 16 channels of picture or 8 channels video streaming; 32-library capacity with up to 100,000 face pictures in total.

iDS-7716(/32)NXI-I4/(16P)/X(B)
iDS-9616(/32/64)NXI-I8/X(B)

POE switch

- L2, Unmanaged, 10/100M RJ45 PoE ports, 1 10/100M RJ45 uplink port, 802.3af/at, PoE power budget. 300m long distance transmission, 6KV surge protection

DS-3E0105P-E(B)

DS-3E0109P-E(C)

Solution - Fever screening thermographic handheld camera

DS-2TP31B-3AUF

Thermal thermographic handheld camera

- Thermal resolution: 160 × 120 ;
- Measurement range: 30-45℃
- Touch screen
- Accuracy: ±0.5℃
- Bi-spectrum image fusion
- Distance : 1m
- Speed : Real time
- Display: Thermal image
- Efficiency: 60 persons / minute
- Information preservation: Screenshot

Thermographic Handheld Camera Advantages

- Keep distance between the operator and the target person, reduce the risk of decrease transmission
- Higher efficiency, more suitable for flow of fast moving crowded.
- Easy to use, the operator less steps in operate cameras, need only read the maximum value in the screen
- Able to preserve the screenshot of potential risky target person as an evidence

Products Introduction - Highlights

VAIDEN SYSTEM HIKVISION

Fever screening face recognition terminal

Plug & play
Rapid deployment.
Free of wiring, installation and configuration.

Enhanced verification performance
Face recognition verification duration ***less than 0.2s***.
Supporting ***face anti-spoofing.***

Mask detection
Supporting ***face mask wearing alert*** and ***forced mask wearing alert.***

Various verification methods
Supporting ***fast temperature measurement*** and ***face recognition with fever screening***.

Long distance fever screen
Authentication distance: 0.3-2 m.

Dedicated for fever screening
Temperature range: ***30℃ to 45℃,***
Temperature accuracy: ***±0.5 ℃***.

Products Introduction - Highlights

VAIDEN SYSTEM HIKVISION

Fever screening face recognition terminal

Flexible deployment
Supporting ***wall mounting*** and ***floor standing with mounting pole***.

Enhanced verification performance
Face recognition verification duration ***less than 0.2s***.
Supporting ***face anti-spoofing.***

Mask detection
Supporting ***face mask wearing alert*** and ***forced mask wearing alert.***

DS-K1T671TM-3XF

Various verification methods
Supporting ***fast temperature measurement*** and ***face/card recognition with fever screening***.

Long distance fever screen
Authentication distance: 0.3-2 m.

Dedicated for fever screening
Temperature range: ***30℃ to 45℃,***
Temperature accuracy: ***±0.5 ℃***.

Products Introduction - Highlights

VAIDEN SYSTEM HIKVISION

Fever screening face recognition module for barriers

Easy to deployment
Fever screening face recognition module for barriers.

Enhanced verification performance
Face recognition verification duration ***less than 0.2s***.
Supporting ***face anti-spoofing.***

Mask detection
Supporting ***face mask wearing alert*** and ***forced mask wearing alert.***

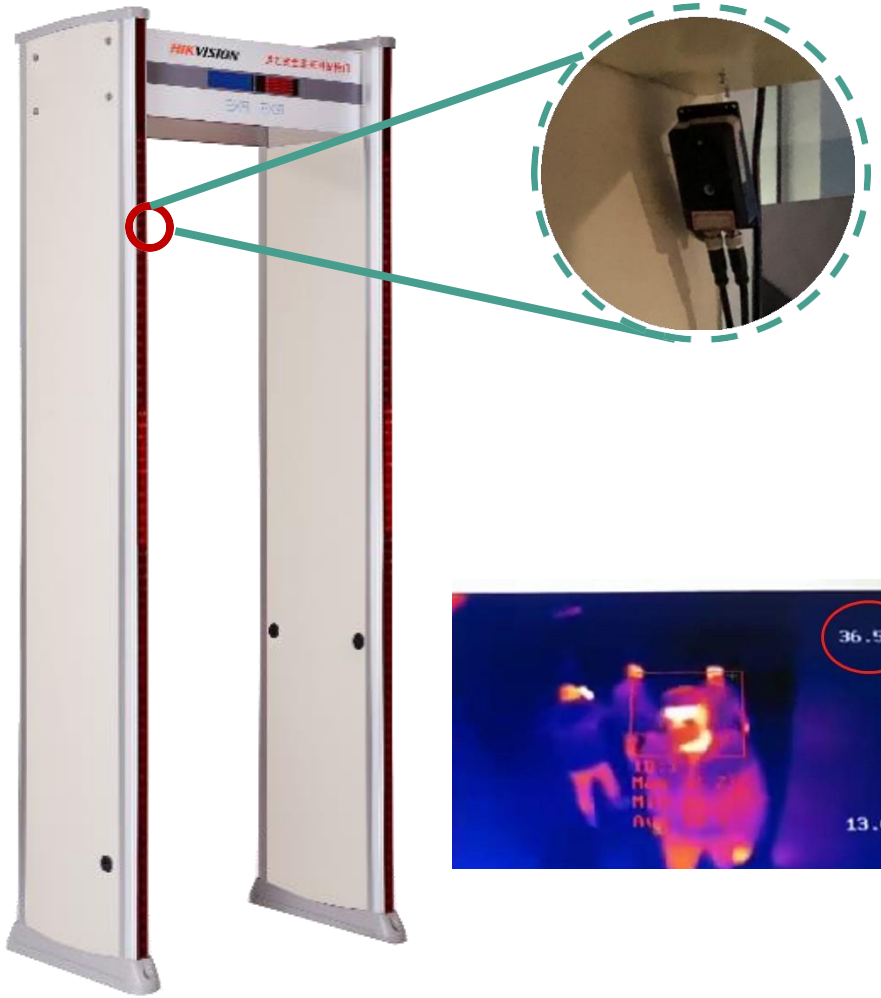
DS-K5671-3XF/ZU

Various verification methods
Supporting ***fast temperature measurement*** and ***face recognition with fever screening***.

Long distance fever screen
Authentication distance: 0.3-2 m.

Dedicated for fever screening
Temperature range: ***30℃ to 45℃,***
Temperature accuracy: ***±0.5 ℃***.

Solution - Metal Detector Door & body temperature measurement



- Non-contact body temperature measurement
- Real-time alarm
- LCD temperature indicator
- Metal detector

Key Features:

- 12 independent detection zones, LCD screen
- Thermal camera resolution: 160 x 120
- Temperature range: 30~45℃
- Temperature accuracy: ±0.5℃
- Measurement distance: 1 m – 1.5 m
- Scenarios: hospitals, schools, police offices, governments, enterprises, customs, airports, train stations, bus stations, subway stations, etc.

Solution Business Flow and Typical Scene Overview

1

Fast preliminary fever screening without contact

2

Locate potential fever person

3

Manual measurement by mercury, ear thermometer etc.

Scene 1

Temperoray fever screening at entrance

Scene 2

Permanent fever screening at Entrance (with access control or Metal Detector)

Scene 3

Permanent fever screening inside buildings(Group fever screening or with real time personal identification)

Scene 4

Patrol fever screening

SAFE

accurate, reduce cross-infection possibility.

E EFFICENT

Efficient, auto alarm triggering, reduce man power resources investment.

A ADAPTABLE

Multiple product types, easy to deploy, suitable for different scenarios.

T TRACEABLE

Combining temperature, image and face identification for easy management and query

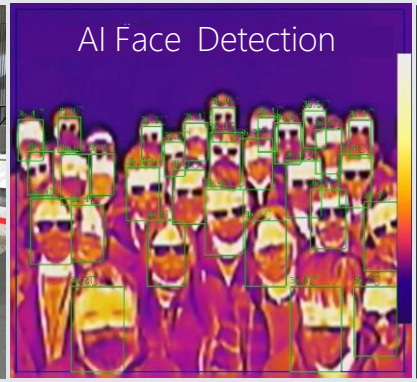
Scene 1

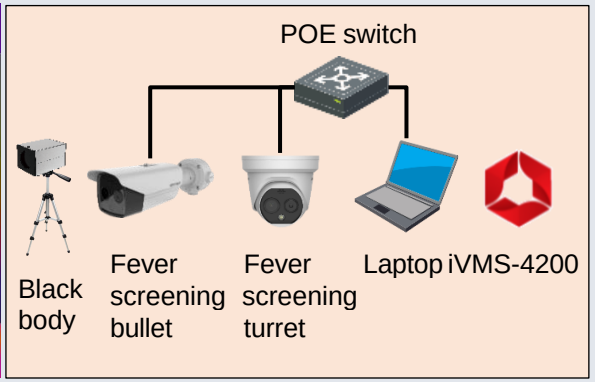
Temporary Fever Screening at Entrance – Thermal bullet/turret camera based

Cost-effective: 1 camera 2 lens empowered by AI for 2 usage (Fever screening + Security surveillance)

Deployment Design

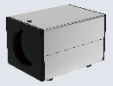
- For building entrance, elevator hall, airport security check, etc.
- Indoor space without wind.
- Recommend to set up personnel guidance route.
- Recommend to fever screening 5 min after the measured person enters the indoor space
- Use the black body as a basis for screening to improve the accuracy to ±0.3℃






Fever screening bullet


Tripod Adaptor


Black Body (optional)


POE Switch


Fever screening turret


Tripod

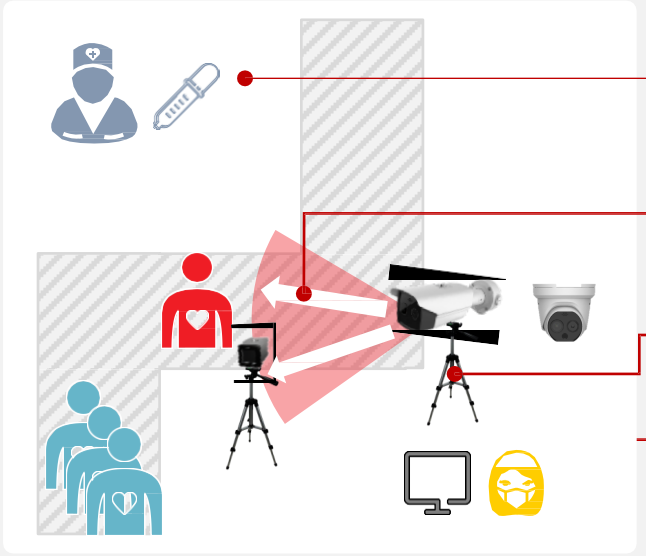

iVMS-4200


Laptop

Product Design

DS-2TD1217B-3/6 PA
DS-2TD2617B-3/6 PA

- Thermal:160 × 120, lens: 3mm / 6mm
- Optical:2688 × 1520, lens: 4mm / 8mm
- Accuracy:±0.5℃ (± 0.3℃ with black body)
- Measurement Range:30-45℃
- Working temperature:10~35℃
- Onboard audio alarm for abnormal temperature
- **AI face location**, avoid interference by other objects with high temperature & increases the **precision** of fever screening



Secondary measurement by mercury thermometer, ear thermometer etc.

Distance between camera and person: 0.8-1.5 m (3 mm lens) 1.5-2 m (6 mm lens)

Installation height is 1.5 m

Distance between camera and black body:1 m (3 mm lens) 2 m (6 mm lens). Keep black body in the upper left / upper right corner of the camera view

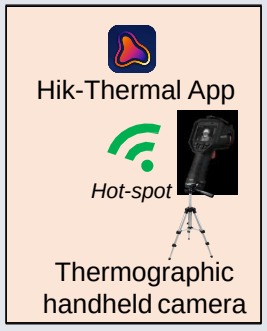
Scene 1

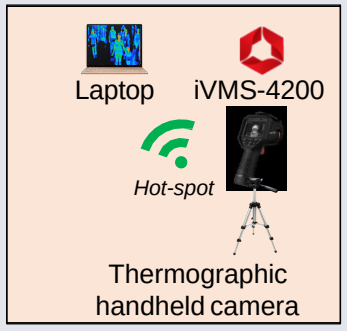
Temporary Fever Screening at Entrance – Stand-along device based

Easy, Flexible, Fast Deployment

Deployment Design

- For building entrance, elevator hall, airport security check, etc.
- **Wireless** hot-spot deployment without cable for thermal handheld camera(by APP or 4200 client)
- Stand-along fever screening face identification terminal, **plug and use**.
- Indoor space without wind.
- Recommend to set up personnel guidance route.
- Recommend to fever screening 5 min after the measured person enters the indoor space



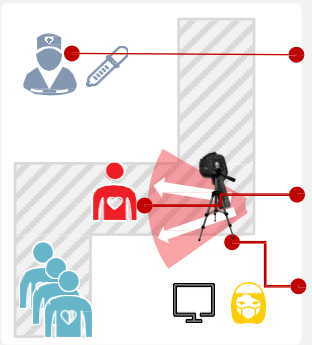


Product Design

Wireless & Flexible, Fast Deployment

DS-2TP21B-6AVF

- Thermal resolution:160 × 120;
- Optical resolution : 640 × 480;
- Accuracy:±0.5℃
- Measurement Range:30-45℃
- 3.5” LCD touch screen
- Support WIFI hotspot, able to live view in PC / Mobile client, relieves eye fatigue.
- Support real-time audio alarm, and automatic screenshot of abnormal person & upload to PC / Mobile client as evidence.
- Operation time: 4-5 hours



Product Design

Plug & Use, Visualized Measurement

- Non-contact personal identification & fever screening & mask detection
- Voice reminder for not-wearing mask person, could prohibit from entering
- AI **face location**, avoid interference by other objects with high temperature & increases the **precision** of fever screening
- Max.50,000 faces capacity , Max.50,000 cards;
- Temperature range: 30-45℃, accuracy: ±0.5℃
- Face Recognition Duration(1:N)≤0.2s
- Face Recognition Distance: 0.3m ~2m
- Terminal & mounting pole all-in-one, plug & use

Secondary measurement by mercury thermometer, ear thermometer etc.

DS-K5604A-3XF/V

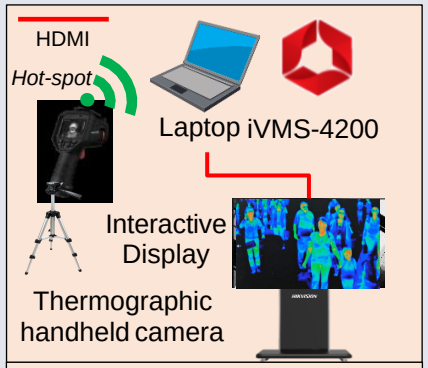
Scene 1

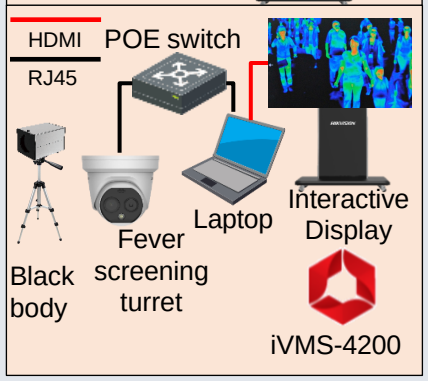
Temporary Fever Screening at Entrance – interactive display based

One display, All information

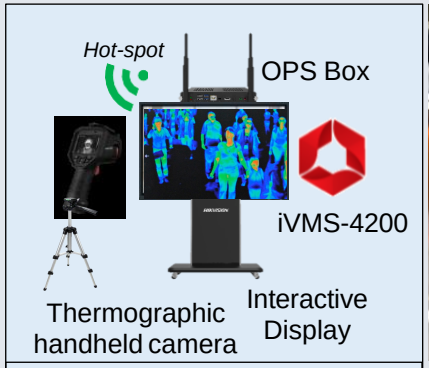
Deployment Design

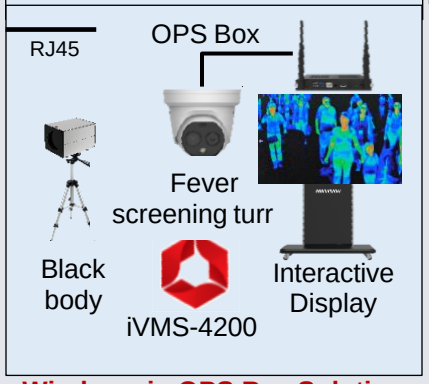
- For commercial & government office building entrance, elevator hall, etc.
- **Inserted** computer without laptop (Windows in OPS Box Solution)
- Indoor space without wind.
- Recommend to set up personnel guidance route.
- Recommend to fever screening 5 min after the measured person enters the indoor space





Windows in Laptop Solution

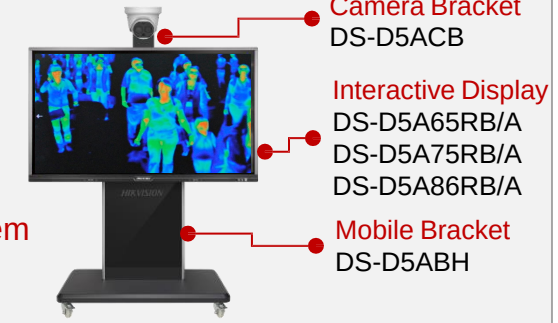




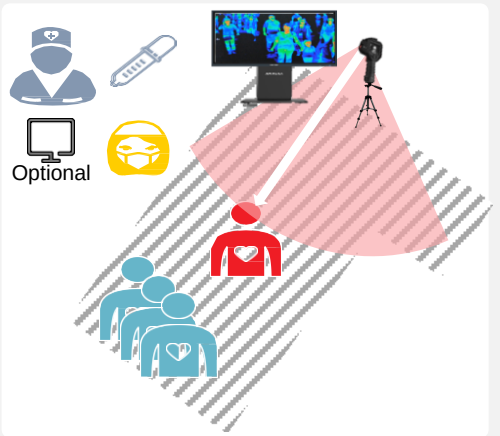
Windows in OPS Box Solution

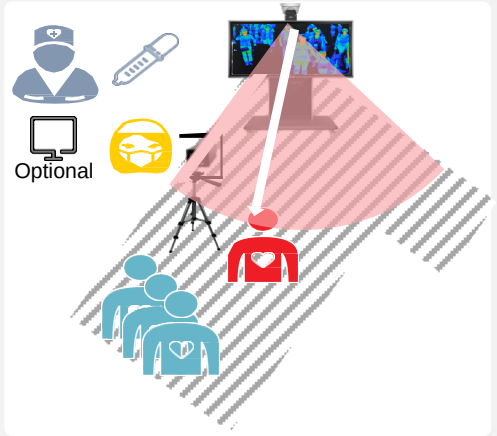
Product Design

- 65“ or 75” or 85“, 4K(3840 × 2160)
- 20 points infrared touch control, industrial screen protection.
- Built-in Wi-Fi screen mirroring without any cable connection.
- Built-in interactive whiteboard system allows annotating and sharing.
- Ideal for **reuse** in meeting room.



- Inserted OPS box, act as computer, no need for additional laptop (Not including Operation System)
- Intel® Skylake_U / Kabylake_U Core™ i5, Intel® HD Graphics 4600, 8GB memory, 128GB SSD



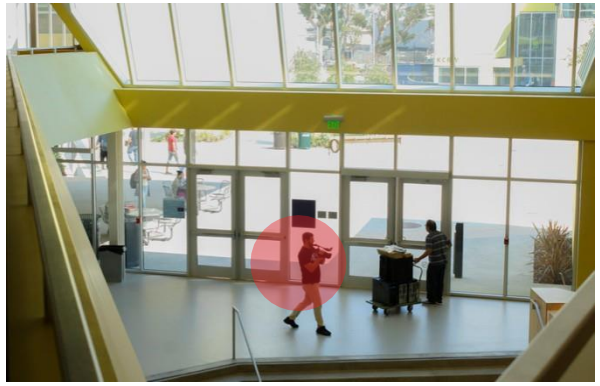


Scene 1

Application Scenarios

Note: Recommend indoor installation. Large fluctuations in outdoor ambient temperature influence the accuracy of temperature measurement.

School



Entrance of college building

Entrance of dormitory

Retail

Entrance of supermarket

Entrance of restaurant

Office Building

Elevator hall of parking lot

Entrance of office building

Airport

Jet bridge for departure & arrival flight

Entrance of terminal

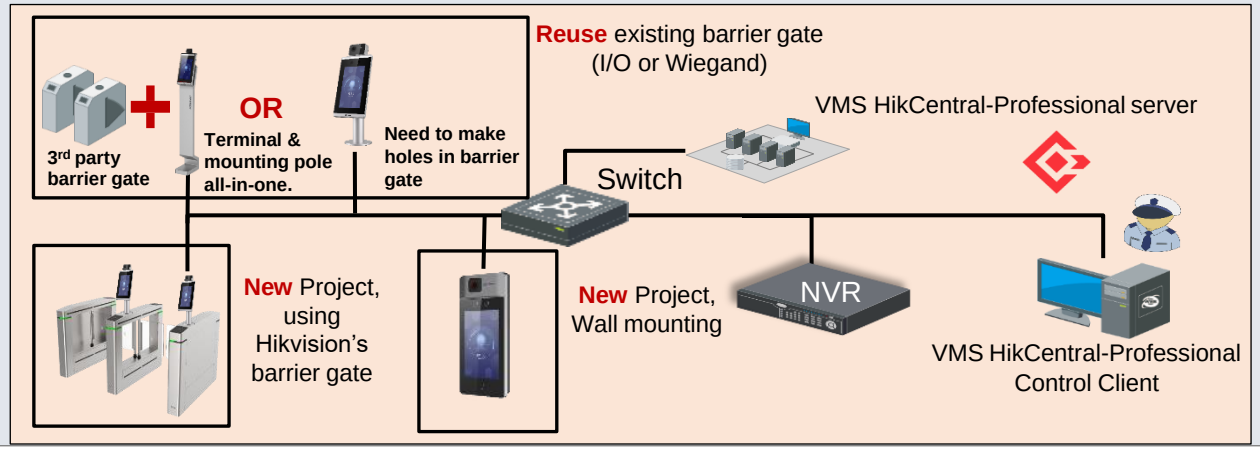
Scene 2

Permanent Fever Screening at Entrance - Access Control Based

Double Protection without Touch

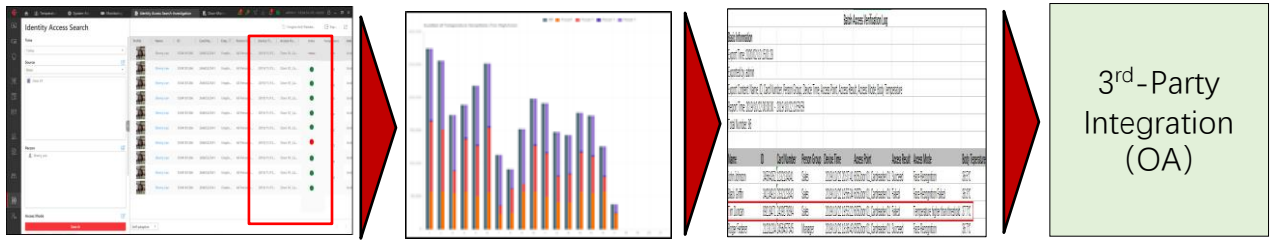
Deployment Design

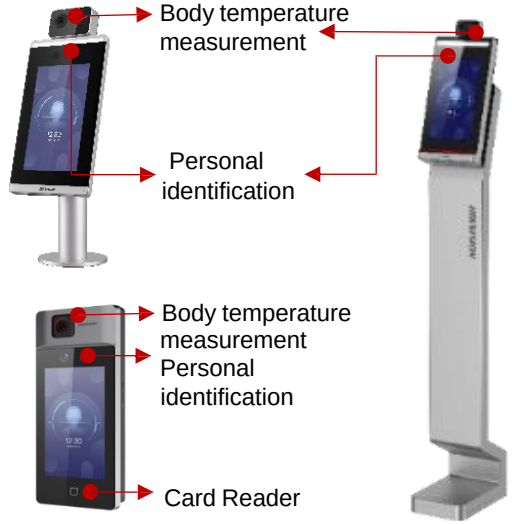
- Long-term fever screening with access control for building related project
- Indoor space
- Recommend to fever screening 5 min after the measured person enters the indoor space
- Centralized management for access control with temperature record

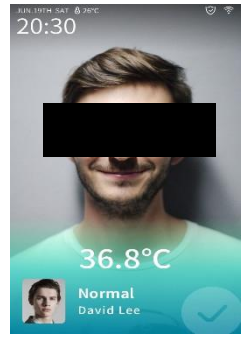


VMS Centralized management for access control system:

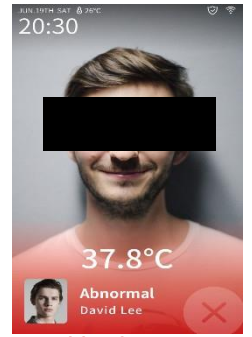
① Access record with temperature statistics and export
② Real time fever alarm handling and trace back
③ Open ability of Access record with temperature information（OpenAPI）
④ Temperature Abnormal event links Attendance absence correction







Normal body temperature



Abnormal body temperature

Secondary measurement by mercury thermometer, ear thermometer etc.

Product Design

- Reuse existing barrier gate(I/O or Wiegand)
- New project with Hikvision's barrier gate or wall mounting.
- **AI face location**, avoid interference by other objects with high temperature & increases **the precision** of fever screening.
- Non-contact personal identification & fever screening & mask detection(card reader for DS-K1T671TM-3XF)
- Voice reminder for not-wearing mask person, could prohibit from entering.
- Max.50,000 faces capacity , Max.50,000 cards
- Temperature accuracy ±0.5℃ , range: 30~45℃
- Terminal and mounting pole all-in-one(DS-K5604A-3XF/V)

DS-K5604A-3XF/V

DS-K5671-3XF/ZU

DS-K1T671TM-3XF

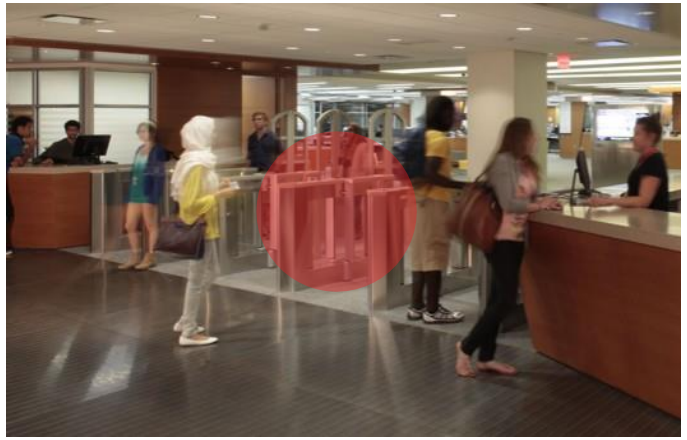
Note: NVR needs customization to store temperature data locally and transmit to HikCentral. HikCentral in this solution is a customized version.

Scene 2

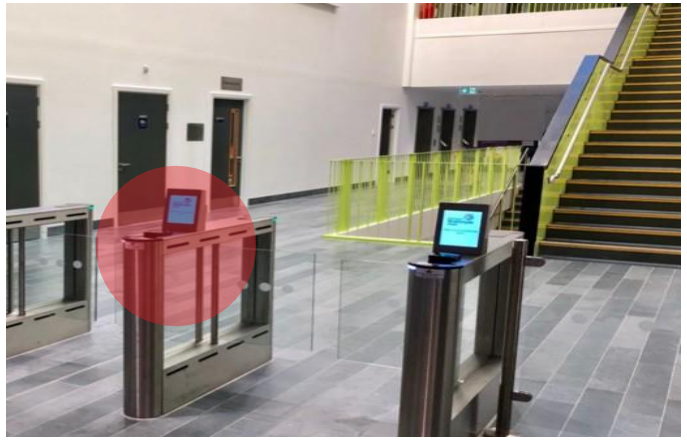
Application Scenarios

Note: Recommend indoor installation. Large fluctuations in outdoor ambient temperature influence the accuracy of temperature measurement.

School



Entrance of library



Entrance of dormitory

Factory

Entrance of factory

Entrance of workshop

Commercial Building

Elevator hall of parking lot

Main entrance of office building

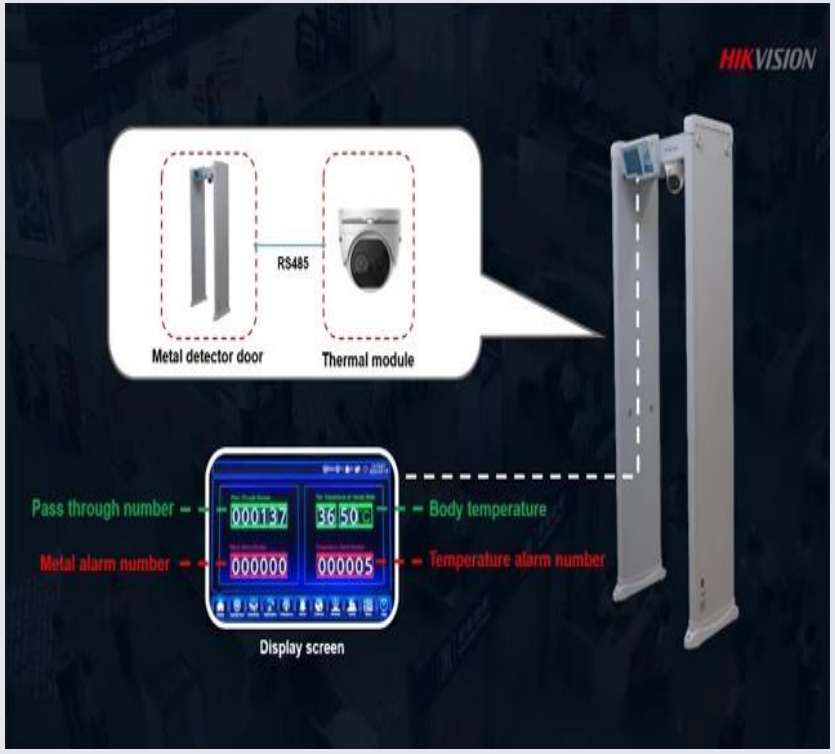
Scene 2

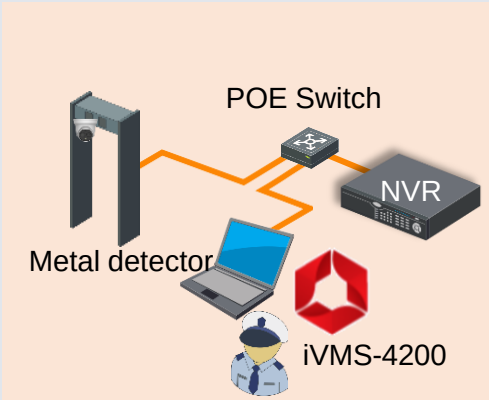
Permanent Fever Screening at Entrance - Metal Detector Based(new project)

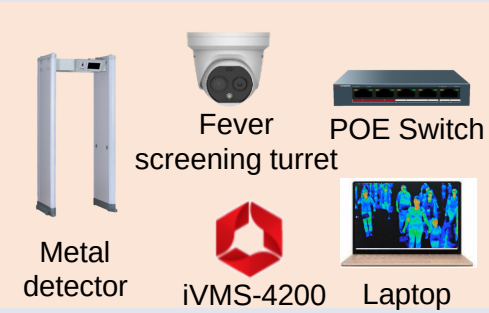
Non-Contact, metal detection, real-time alarm

Deployment Design

- Long-term fever screening with metal detector for entrance of police station, subway station, airport security check, etc.
- Indoor space without wind.
- Recommend to fever screening 5 min after the measured person enters the indoor space.
- Thermal Turret camera fixed installation with walk through metal detector



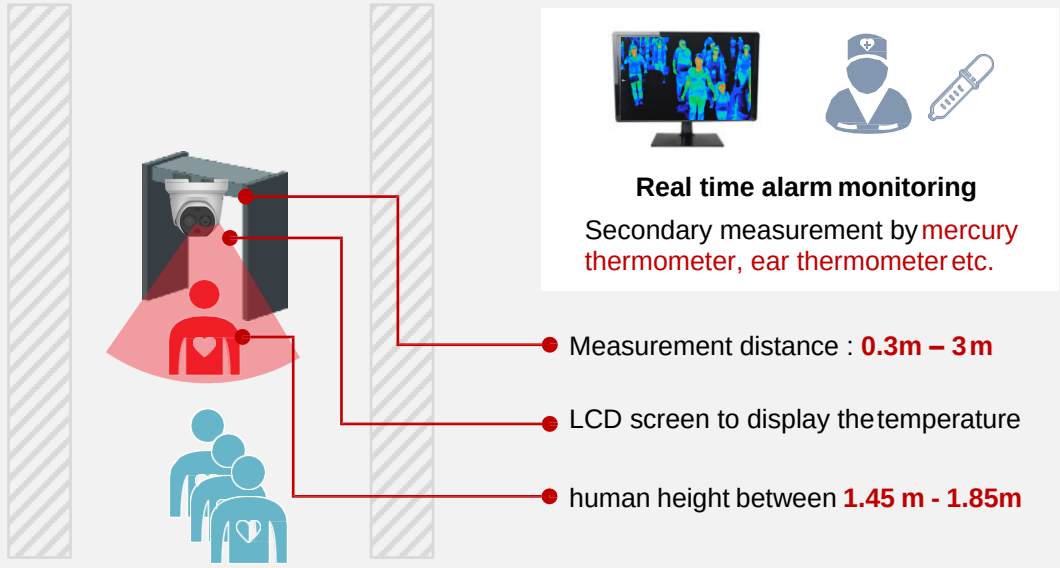




Product Design

ISD-SMG318LT-F

- 18 independent detection zones,
- 7 inch LCD temperature indicator
- 2200mm*850mm*480mm
- Thermal imaging resolution:160*120
- Temperature measurement accuracy:±0.5℃
- Temperature measurement range:30-45℃
- Onboard audio alarm for abnormal temperature or metal.



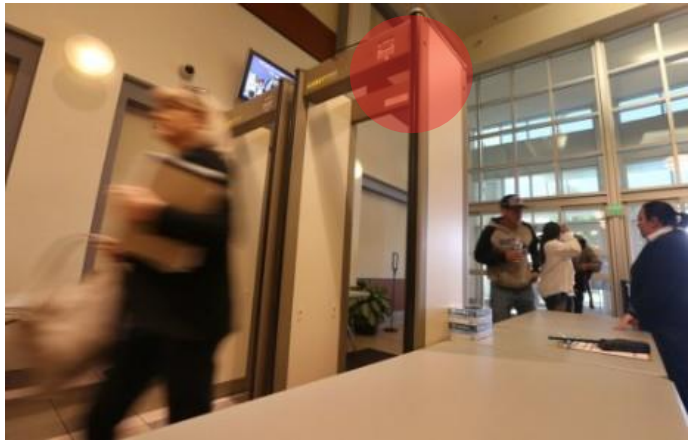
Scene 2

Application Scenarios

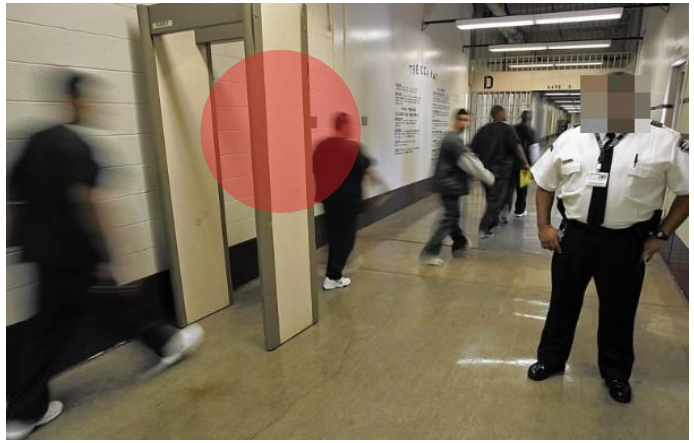
Note: Recommend indoor installation. Large fluctuations in outdoor ambient temperature influence the accuracy of temperature measurement.

Entrance of School

Security Check at Airport



Entrance of Office Building



Entrance of Prison

Entrance of Metro Station

Entrance of Stadium

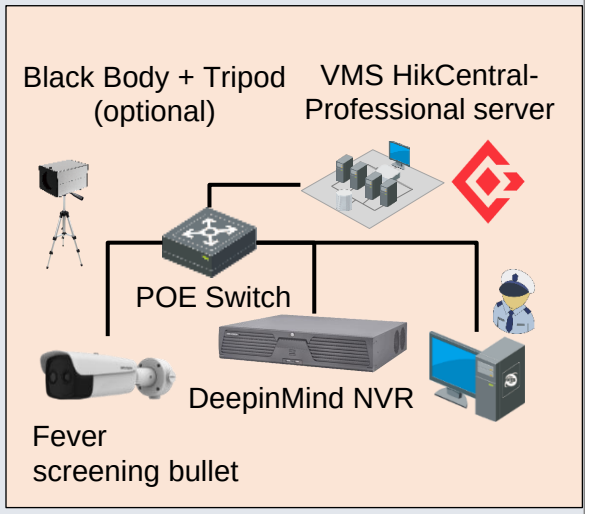
Scene

Permanent Fever Screening with Real Time Personal Identification

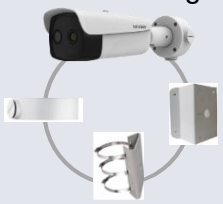
Personal Identification Even with Mask

Deployment Design

- For long-term preliminary fever screening, **personal identification, mask detection** (indoor).
- Simultaneous fever screening for multiple person (ca.10-15 persons)
- Centralized management for CCTV with temperature and identity information.
- The black body is used as a basis for screening to improve the accuracy to ±0.3℃



Fever screening bullet



Wall mounted bracket

POE switch

HikCentral Professional

Black Body (optional)

Tripod (optional)

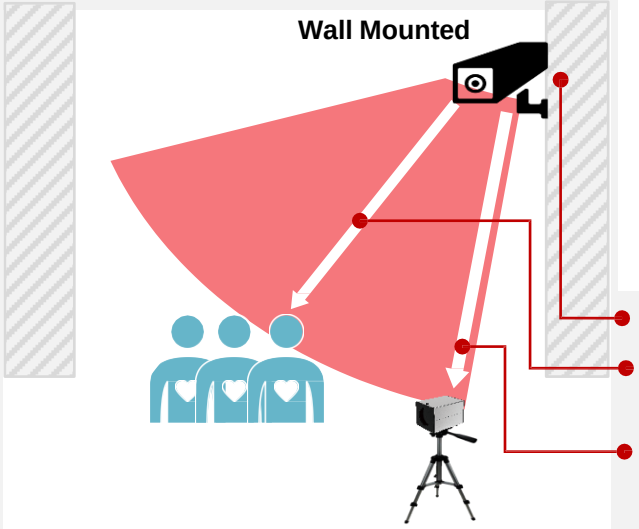
DeepinMind NVR

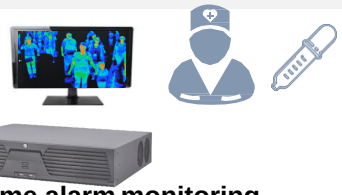
Product Design

- Accuracy: ±0.5℃ (± 0.3℃ with black body)
- AI body detection increases the precision of fever screening.
- **Associate personal identity with temperature.**
- Accurate personal identification even for **person with mask**.
- Identify person with **abnormal temperature or not-wearing mask, auto alarm in** HikCentral professional with **video** for **tracing back**.
- **Abundant statistics** of amount of measured person, abnormal ratio, not-wearing mask ratio etc. for trend analysis and decision making.

DS-2TD2636B-15/P
DS-2637B-10P

iDS-9616(/32/64)NXI-I16/X(B)





Real time alarm monitoring

Secondary measurement by mercury thermometer, ear thermometer etc.

- Installation height: **1.7 m – 2.6 m**
- Distance between camera and person: **4.5 to 9 meters** (2636B-15/P) or **3 to 7 meters** (2637B-10P)
- Distance between camera and black body: **5 m**. Keep black body in the upper left / upper right corner of the camera view

Note: HikCentral & firmware of DeepinMind NVR in this solution is a customized version.

Scene 3

Application Scenarios

Note: Recommend indoor installation. Large fluctuations in outdoor ambient temperature influence the accuracy of temperature measurement.

Group Fever Screening for Crow in Open Area

Hospital

Airport Transport Station

Bank Branch

Fever Screening with Real Time Personal Identification

Entrance of office building

Entrance of factory

Entrance of school

Scene 4

Patrol Fever Screening

Anytime, Anywhere, One Click

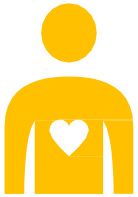
- For patrol preliminary fever screening (indoor)
- Fever screening without disturbing occupied person
- Recommend to measure people entering the indoor space longer than 5 min

Hik-Thermal App

Hot-spot

Thermographic handheld camera

1 m - 1.5 m



If abnormal

Fast and flexible **preliminary measurement**

Automatic **screenshot** & upload to Thermal APP as **evidence**

Secondary manual measurement by mercury thermometer, ear thermometer etc.

Scene

Application Scenarios

Note: Recommend indoor installation. Large fluctuations in outdoor ambient temperature influence the accuracy of temperature measurement.

Factory Work shop

Office Building Office area

School Entrance of Classroom

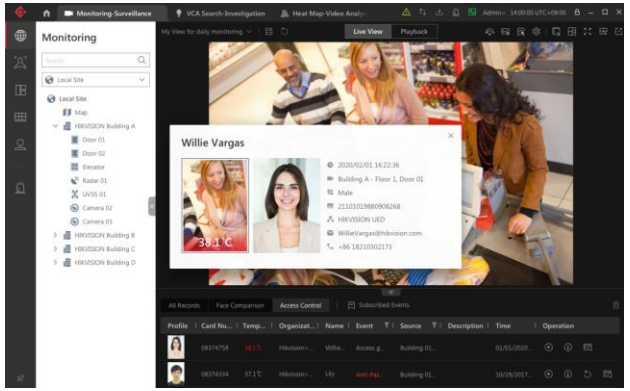
Bank Entrance of branch

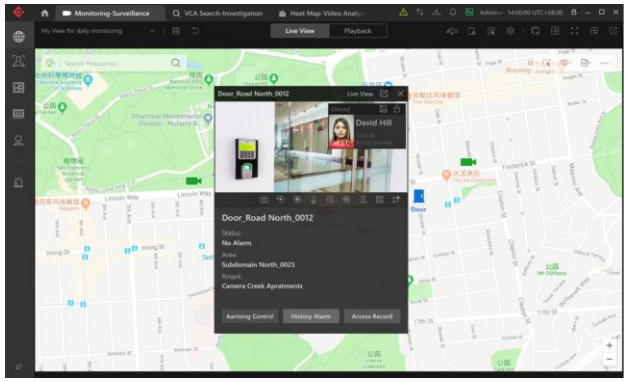
Product Showcase

HikCentral Professional

- Flexible, scalable, reliable and powerful central surveillance system.
- Supports live view, play back, access control, alarm management, personnel identification, temperature data storage, abnormal temperature trend analysis etc.

Management of Registered Identities





Personnel Access Management & Skin-temperature Measurement

- HikCentral links personnel skin-temperature and corresponding identity;
- Access status and temperature live display / recording on HikCentral;
- Administrators can grant the access remotely

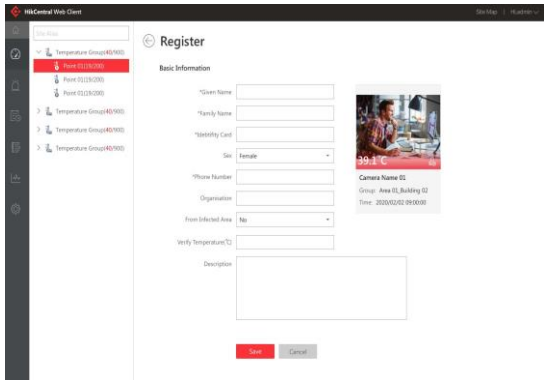
Abnormal Status Management

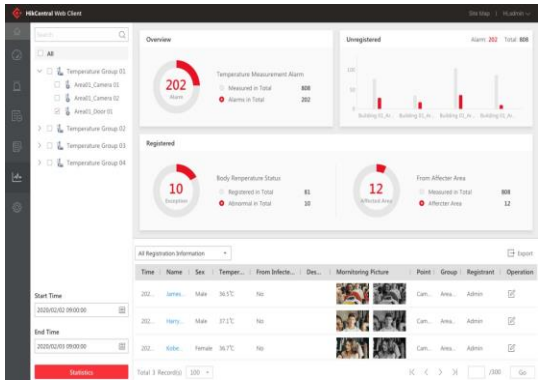
- Detected abnormal temperature from multiple sites will be centralized into HikCentral and displayed on GIS map / E-map;
- Batch attendance handling of people in quarantine

Management of Unregistered Identities

Abnormal Status Registration

- Once abnormal temperature appears, inspectors can type in the identity information and register it to HikCentral;
- All registrations are traceable, and can be easily searched and exported;
- Visualized statistic report helps administrators to assign and adjust manpower;





Successful cases

Hospital in Chongqing

- Protect the entrance of the hospital all day long.
- The Hospital adopted the scheme of thermographic fever screening camera with the black body, the accuracy is within ±0.3 degree.
- The scheme is running steadily till today

Successful cases

Railway in Jiangxi

Hikvision thermographic fever screening cameras

Station in Fuzhou

FAQ

Q:Can the thermographic fever screening camera be installed outdoors?

A: **Outdoor wind and sun can easily affect the body surface temperature** and the working status of the camera, which results in a deviation between the measured body surface temperature and the actual body temperature.
From the perspective of ensure the accuracy, we strongly recommended the solutions used indoors.

Q:Can the accuracy of thermographic fever screening camera reach 0.1 ℃?

A: No. At present, cameras with accuracy higher than 0.5 require black-body online real-time calibration and intelligent compensation. The accuracy of black body is currently plus or minus 0.2, and it is impossible to achieve 0.1. High-precision accuracy solutions right now are all 0.3

Q:Does the camera recognize the face for temperature measurement

A: The camera recognizes faces when screening. It supports up to 10 faces. But still we recommended to carry out temperature measurement in order.

Q:Will other heat sources (such as tea cups, kettles, etc.) cause false alarms?

A: The cameras are able to use face recognition technology, so other heat sources **will not cause false alarms.**

Q:How long can I use the fever screening function after the camera is turned on?

A: **5 minutes** after the handheld camera is turned on, **30 minutes** after the bullet / turret camera is turned on.

Q:What is black body? What should be noticed before purchase black body?

A: The black body is **a standard temperature source**, the thermographic cameras are able to **calibrated** based on the temperature of the black body.
The black body only needs to be powered, no internet required.
Hikvision thermal cameras are available with a black body to **increase accuracy**.
Currently black body only supports Chinese power supply standards. And **no overseas certification.**

Q： Is thermographic handheld camera support alarm automatically? Or is it support link with VMS

A: No. Fever screening thermographic handheld camera is not designed with alarm sending function and interfaces. Basically it only used to show the maximum value of whole screen

AVAIDEN SYSTEM

HIKVISION

Thanks

See far, go further

Avaiden System SDN BHD

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