

Hikvision-Apaq  
**Temperature Screening &  
Social Distance Protection  
Solution**



# Current Situation & Challenges

Human **skin-surface temperature** is an important indicator of physical health. In many scenarios, **quick and accurate detection of people with abnormal skin-surface temperature** becomes an urgent need to prevent the situation from further deterioration, while **retention management might be required for indoor public places to protect social distance**.

Traditional mercury thermometer or ear thermometer performs well in accuracy, but with limitations when challenged by a mass detection amount.



## Risk of Close Contact

- Close contact among users may increase risk of cross infection



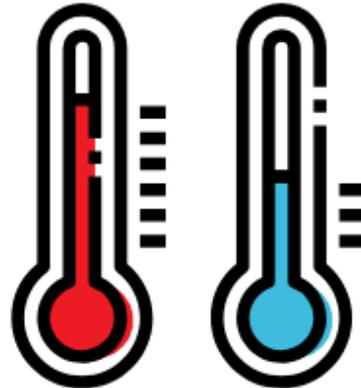
## High Cost, Low Efficiency

- High labor investment
- Inefficient per person inspection



## Statistics Difficulties

- Manual input errors
- Time-consuming data feedback



# Better Approaches by Automation

**Reduce Risk** All solutions are **contact-free**

**Boost Efficiency** Instant detection, real-time alarm and **statistics report**

**Reliable Result** Highly accurate indoor temperature screening

## 5 Product Categories

## 3 Types of Core Capability

## 2 Operation Layers

Temperature	Mask	Retention
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Bi-spectrum Thermographic



Metal Detector Door



Access Terminal



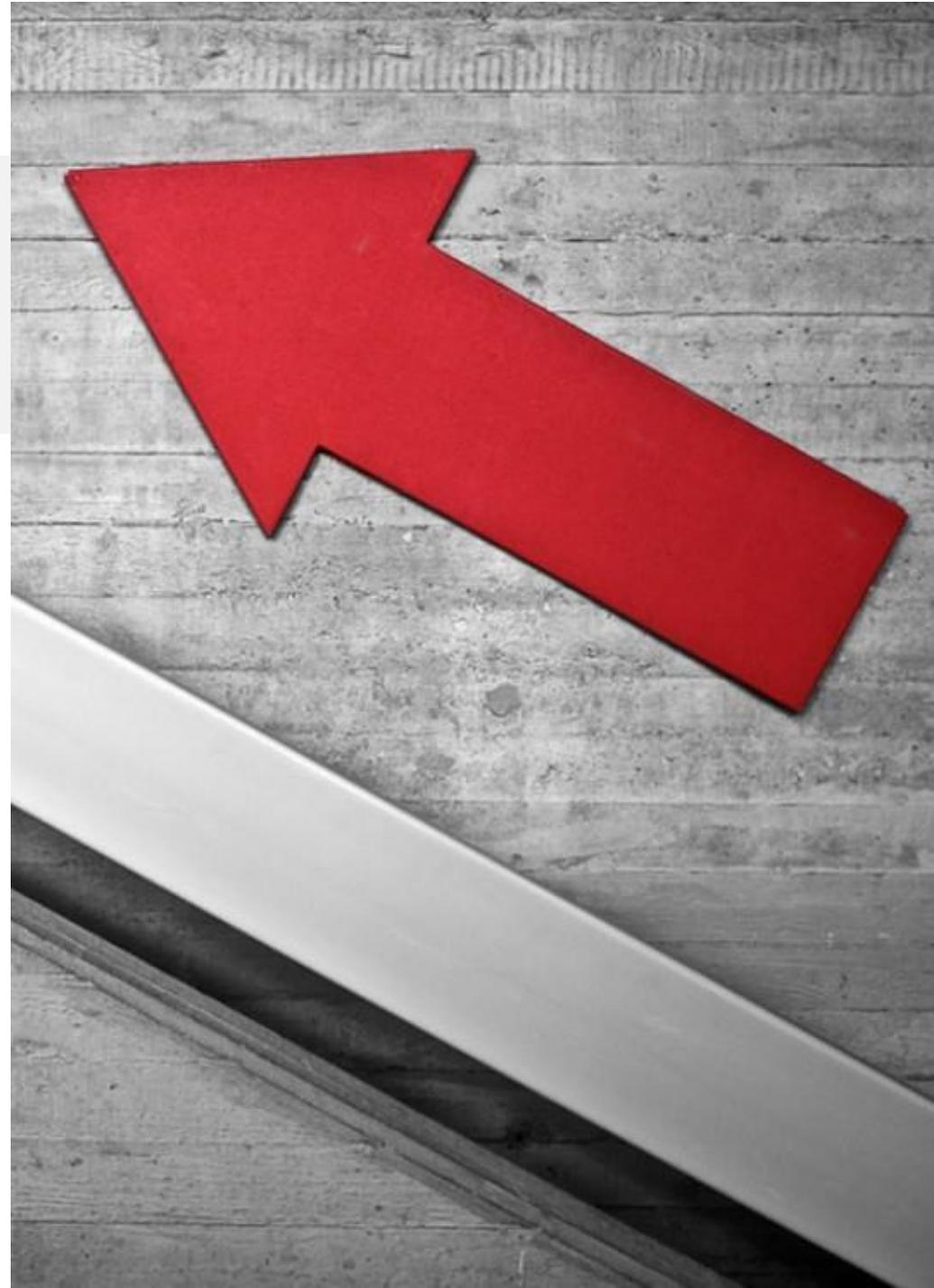
DeepInMind NVR



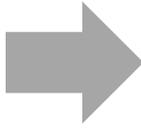
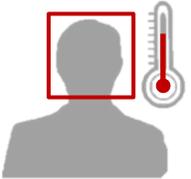
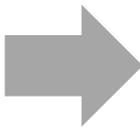
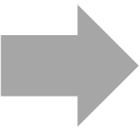
People Counting Camera



\* With thermographic camera connection



# General Business Flow for Temperature Screening



Approaching

Temperature measurement

Abnormal temperature detected

Manual double check with mercury or ear thermometers.

1

2

3

4

Fast preliminary temperature screening without contact



**S**AFE

All solutions are contact-free, reducing risks of cross infection.

**E**FFICIENT

Automatic alarm triggering, reducing manpower invested.

**A**DAPTABLE

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

**T**RACEABLE

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

# Solution Overview

**Simple** product combination designed for **instant deployment**.

## Solution 1

### Fast Deployable Temperature Screening



- ✓ For indoor space without wind
- ✓ One by one temperature screening
- ✓ Simple wiring, easy installation

#### 1-1 Thermographic Camera

Visualized Bi-spectrum Live View



- Bi-spectrum Thermographic Camera

#### 1-2 Metal Detector Door with Temperature Screening

Real-time Sound and Light Alarm



- Metal Detector Door with Thermographic Camera

# Solution Overview

**Group screening and touch-free access empowers efficient and safe business reopening.**

## Solution 2 Temperature Screening, Access & Attendance



- ✓ For indoor space without wind
- ✓ Touch-free facial access with temperature screening and attendance
- ✓ Access, screening & attendance by 1 unit

  **Touch-Free, Access is Easier and Safer**



- MinMoe Temperature Screening Access Terminal

## Solution 3 Group Temperature Screening



- ✓ For indoor open space without wind
- ✓ Group screening up to 30 people

  **Highly Efficient Group Screening**



- Bi-spectrum Thermographic Bullet Camera

# Solution Overview

Further options of **indoor patrol, visualized and interactive group screening** provides **comprehensive protection for business reopening.**

## Solution 4 Handheld Temperature Screening on Patrol



- ✓ For indoor space without wind
- ✓ Temperature screening and alarm
- ✓ Flexible handheld application



Anytime, Anywhere, Just One Click



- Handheld Thermographic Camera

## Solution 5 Visualized Group Screening & Mask Detection



- ✓ For indoor open space without wind
- ✓ Group temperature screening and alarm
- ✓ Mask detection and no-mask alarm
- ✓ Intuitive display of face, mask and temperature status



Intuitive Demonstration



- Thermographic Camera & DeepinMind NVR

# Solution Overview

**Retention Alarm** when indoor crowd exceeding pre-configured threshold, to **secure the safe distance for indoor public places.**

## Solution 6 Indoor People Counting and Retention Management



- ✓ For indoor ceiling-mount or wall-mount, multi-door application supported
- ✓ Bi-directional people counting and retention alarm
- ✓ Real-time counting and statistics report

### 6-1 Simple and Specified Retention Management

#### Specifically-designed for People Counting

- Dual Lens People Counting Camera



### 6-2 Retention Management & HD Surveillance

#### Versatility of HD Video, Retention and Facial AI

- HD Facial and People Counting Camera



# Fast Deployable Temperature Screening – Thermographic Camera

Simple, Lightweight Installation for Instant Use

## Features

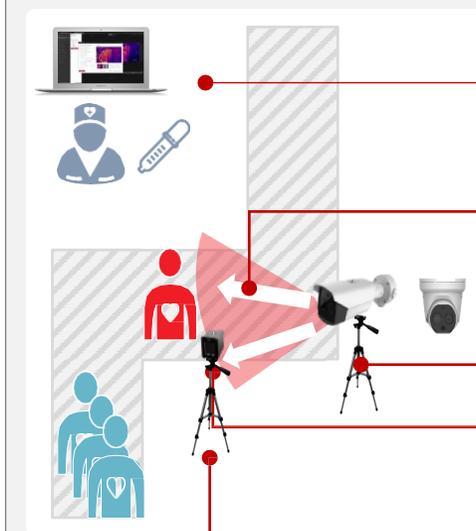
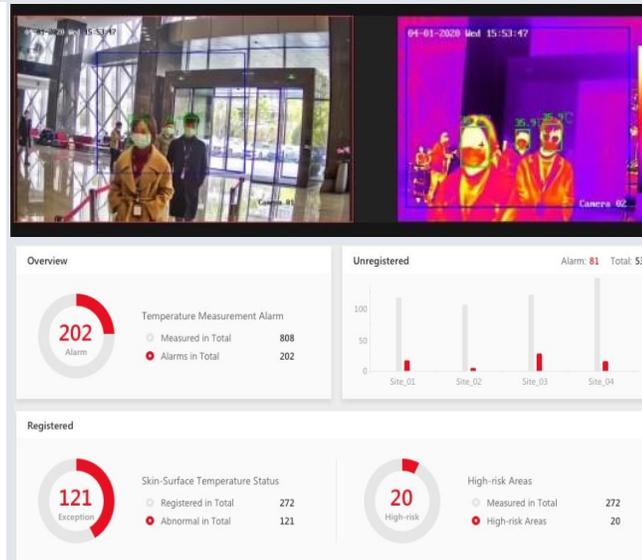
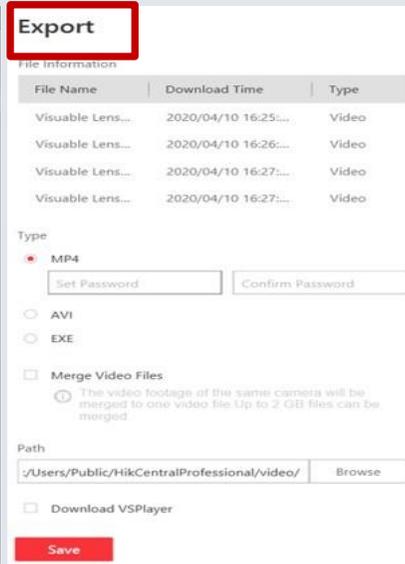
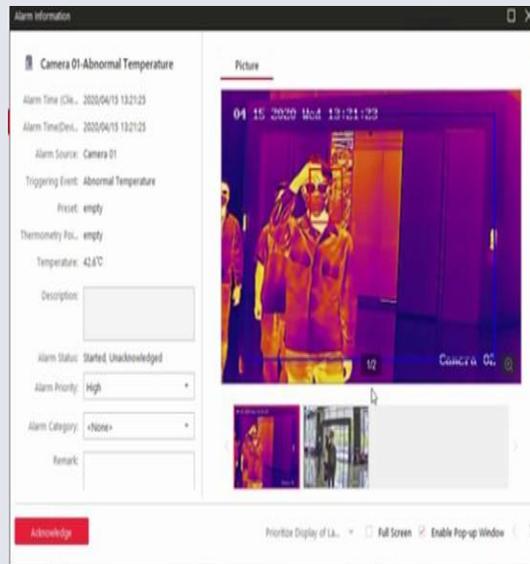
- Real-time **abnormal temperature alarm** with video and audio
- View and export statistics result** of temperature screening
- Local evidencing** video stored on NVR, or on laptop with HCP
- Batch export evidence** of abnormal temperature alarm video
- HCP lightweight deployment requires only i5 CPU, 8GB RAM



## Deployment



- Indoor space without wind
- Setup route for one by one passenger entering before temperature screening
- 30-45 °C** measurement range
- ±0.5 °C accuracy, **improve accuracy to ±0.3°C with black body calibrator**
- Portable tripod for camera and blackbody



Manual double check by mercury thermometer, ear thermometer, etc.

Camera- People Distance:  
**0.8-1.5 m (3 mm lens)**  
**1.5-3 m (6 mm lens)**

**1.5 m** installation height

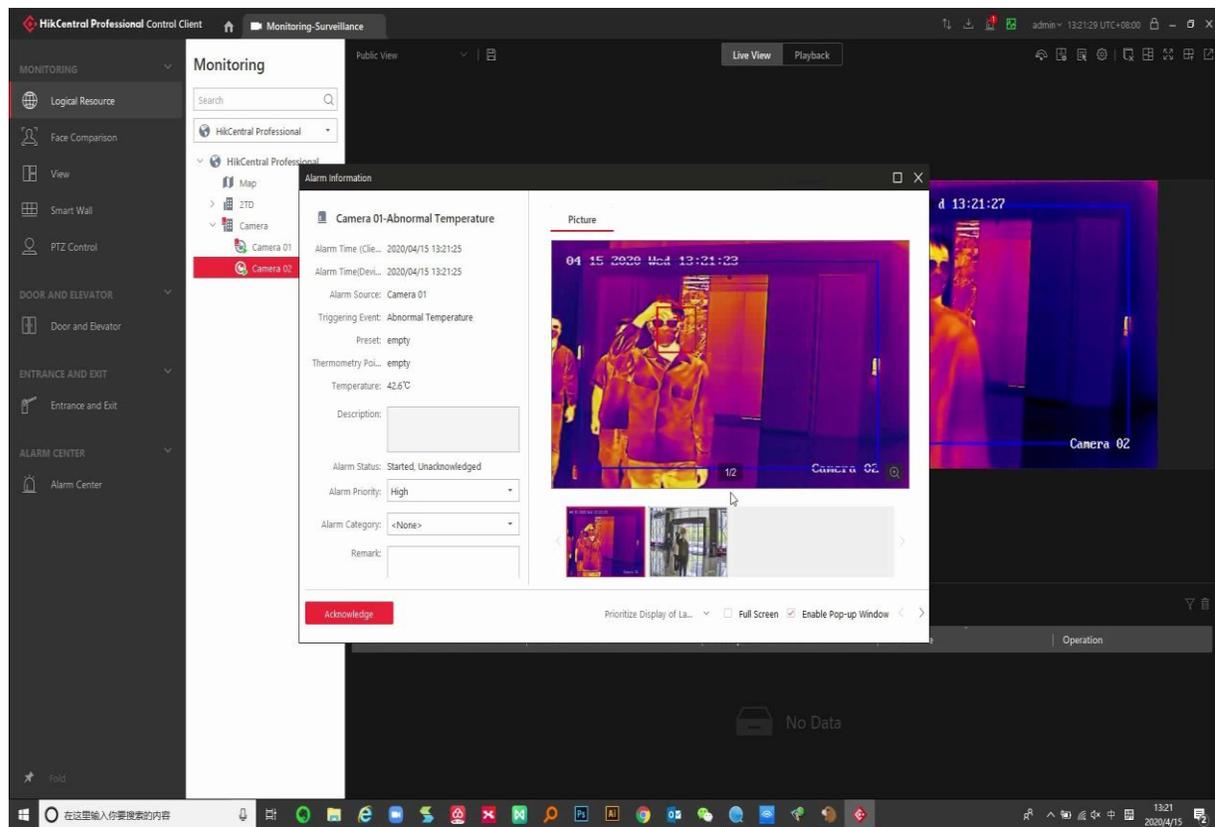
Camera- Black Body Distance:  
**1 m (3 mm lens)**  
**2 m (6 mm lens)**

Black body shall be placed at upper left / upper right corner within the camera view.

# 1-1

# One-stop Temperature and Evidence Management

## Onsite Temperature Screening, Alarm and Video Evidencing

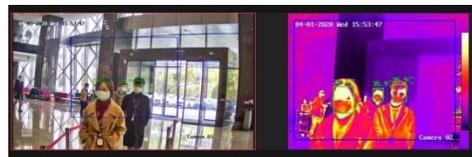


### Security Guard



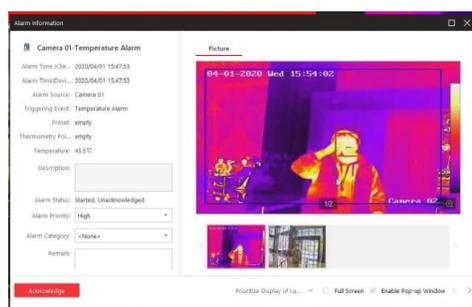
1

#### Local monitoring Bi-spectrum live view



2

#### Instant alarm popup Alarm with audio, snapshot and video



3

#### Quick search & export of evidence Auto video tag 'Abnormal Temperature' Batch export video clips



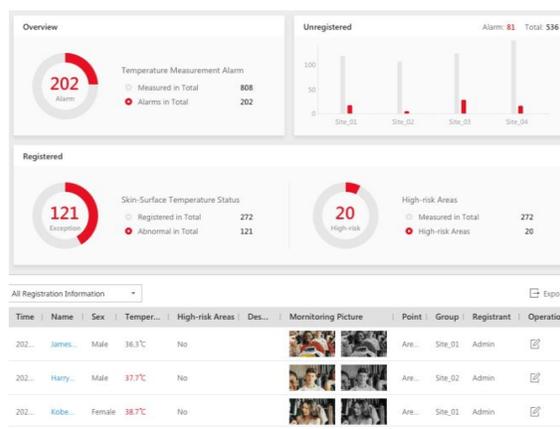
### HR



1

#### Viewing statistics

Total measured amount of person  
Abnormal Temperature Ratio



# Product Showcase

## Thermographic 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°C (± 0.3°C with black body)
- Measurement range: 30-45°C
- Supports audio alarms



DS-2TD2617B-3/6PA

## Thermographic 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°C (±0.3°C with black body)
- Measurement range: 30-45°C
- Supports audio alarms



DS-2TD1217B-3/6PA

## Black body calibrator

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



DS-2TE127-G4A

## I-Series NVR

- 16-ch IP video, 320 Mbps incoming bandwidth
- 4 SATA Interfaces x 8TB capacity, 16/8 Alarm I/O
- 1.5U case, 19"

iDS-7716NXI-I4/16S(B)



## HikCentral Professional

- Lightweight deployment on i5, 8GB RAM
- Unified temperature, alarm and video management



## Accessories

- Tripod and adaptor



## Monitor

- 1080P, HDMI/VGA input, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FN  
(23.8")



DS-D5032QE  
(31.5")



DS-D5043QE  
(43")

- 1080P, HDMI/VGA input, **build-in speaker**, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FC  
(23.8")



DS-D5032FC-A  
(31.5")



DS-D5043UC  
(43")

## POE switch

- L2 unmanaged, 10/100M RJ45 PoE ports
- 1x 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)

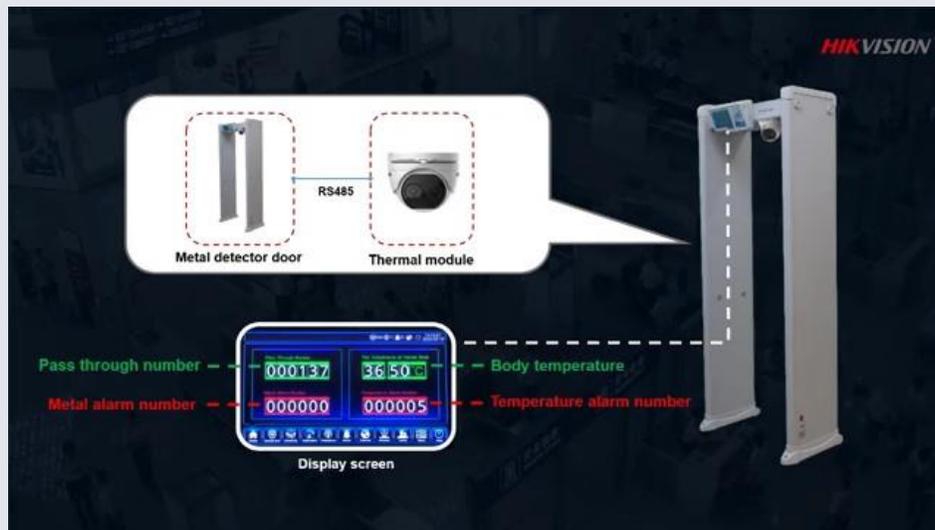
# 1-2

## Fast Deployable Temperature Screening - Metal Detector Doors

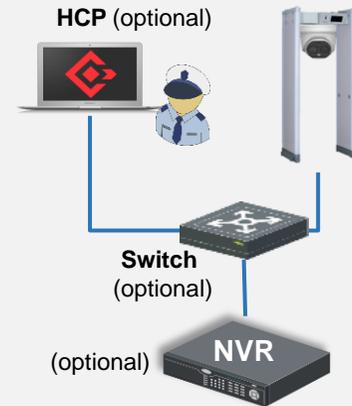
Walk-through Detection with Sound and Light Alarm

### Features

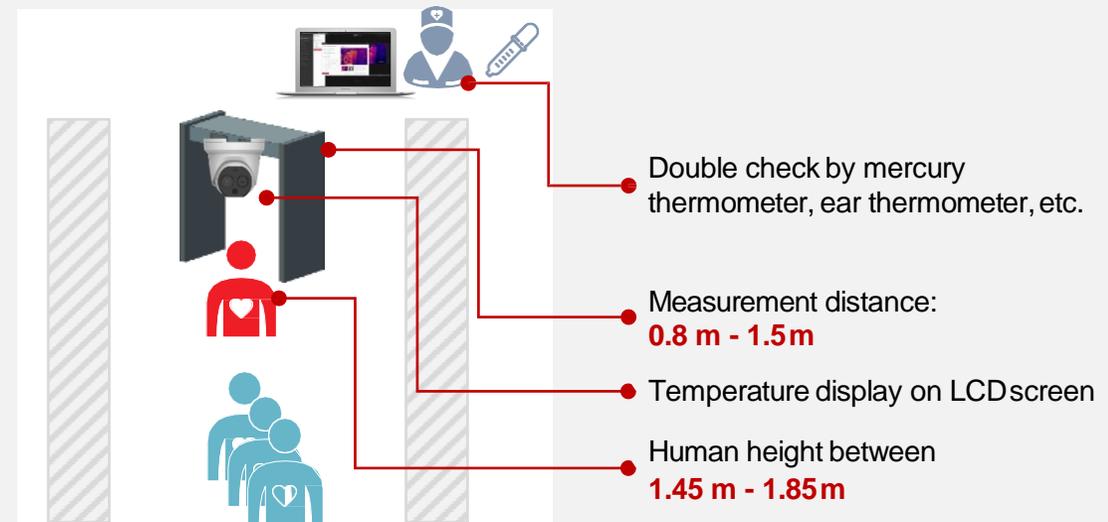
- **Metal detector** door with **temperature screening** from thermographic turret camera
- Onboard **audio and light alarm**, and **LCD temperature indicator**
- **Local viewing and video evidencing available** by NVR or by laptop with HCP
- HCP lightweight deployment requires only i5 CPU, 8GB RAM



### Deployment



- **Indoor space without wind**
- Temperature measurement accuracy:  $\pm 0.5\text{ }^{\circ}\text{C}$
- Temperature measurement range: **30-45 °C**
- 2,200 mm \* 850 mm \* 480 mm physical dimensions



# Product Showcase

## Metal detector door

ISD-SMG318LT-F

- 18 independent detection zones
- 7-inch LCD screen for temperature indication
- Thermal camera resolution: 160 x 120
- Temperature range: 30~45°C
- Temperature accuracy: ±0.5°C
- 2,200 mm \* 850 mm \* 480 mm physical dimension
- Onboard audio alarm for abnormal temperature or metal.



## I-Series NVR (optional)

- 16-ch IP video, 320 Mbps incoming bandwidth
- 4 SATA Interfaces x 8TB capacity
- 16/8 Alarm I/O
- 1.5U case, 19"



iDS-7716NXI-I4/16S(B)



## HikCentral Professional (optional)

- Lightweight deployment on i5, 8GB RAM
- Unified temperature, alarm and video management

## Monitor (optional)

- 1080P, HDMI/VGA input, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FN  
(23.8")



DS-D5032QE  
(31.5")



DS-D5043QE  
(43")

- 1080P, HDMI/VGA input, **build-in speaker**, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FC  
(23.8")



DS-D5032FC-A  
(31.5")



DS-D5043UC  
(43")

## POE switch (optional)

- L2 unmanaged, 10/100M RJ45 PoE ports
- 1x 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)

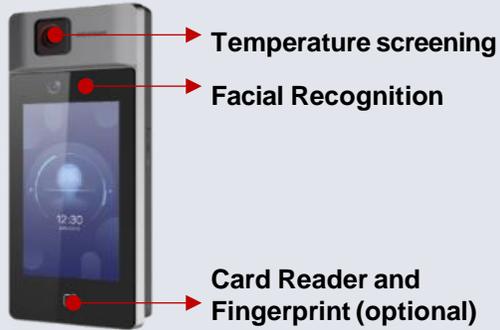
# 2

# Temperature Screening with Access Control & Attendance

Easier and Safer Touch-free Walk-through, Access, Attendance & Temperature All in One Unit

## Features

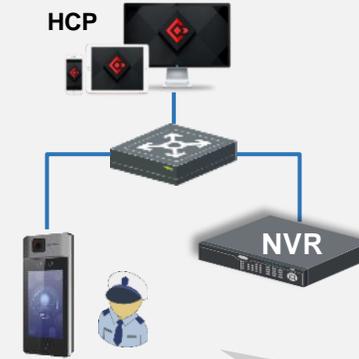
- Temperature screening, mask detection, access and attendance in one unit



Manual Double Check

- Centralized record management of access, attendance and temperature
- One-click attendance correction for abnormal temperature personnel(s)

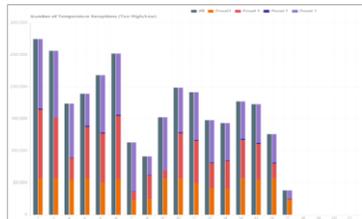
## Deployment



- Access/ Attendance locations inside building
- Temperature measurement accuracy:  $\pm 0.5^{\circ}\text{C}$
- Temperature measurement range:  $30\text{-}45^{\circ}\text{C}$



1. Export access records with temperature statistics
2. Real-time alarm handling and history retrieving
3. Multi-location and per group management supported



Batch Access Verification Log									
Basic Information									
Export Time: 2020/02/10 15:01:28									
Exported by: admin									
Export Content: Name, ID, Card Number, Person Group, Device Time, Access Point, Access Result, Access Mode, Body Temperature									
Report Time: 2019/10/22 00:00:00 - 2019/10/22 23:59:59									
Total Number: 86									
Name	ID	Card Number	Person Group	Device Time	Access Point	Access Result	Access Mode	Body Temperature	
John Johnson	34564352	1232134341	Sales	2019/10/22 20:37:41	605Door 01_Cardreader 01	Succeed	Face Recognition	36.5°C	
Black Griffin	34234913	2332123343	Sales	2019/10/22 19:56:34	605Door 01_Cardreader 01	Failed	Face Recognition Failed	36.3°C	
Tim Duncan	89218471	2439278394	Sales	2019/10/22 19:53:22	605Door 01_Cardreader 01	Failed	Temperature higher than threshold	37.7°C	
Roger Federer	21231234	2456457545	Manager	2019/10/22 18:36:43	605Door 01_Cardreader 01	Succeed	Face Recognition	36.7°C	



- Manual double check by mercury thermometer, ear thermometer, etc.
- Authentication Distance: **0.5m - 1.5m**
- Facial recognition **within 0.5s**

# 2

## Temperature Screening with Access Control & Attendance

Knowing Daily Staff Attendance and Health Status for Better Management



Time	Person Name	Person Group	Temperature Status	Temperature Data	Mask
2020/4/7 20:29:54	John	Sales	Normal	36.2°C	Wear Mask
2020/4/8 14:00:07	Ben	Sales	Abnormal	38.2°C	Wear Mask
2020/4/8 13:58:02	Alex	R&D	Normal	36.7°C	No Mask

Specific Temperature Report

### Security guard



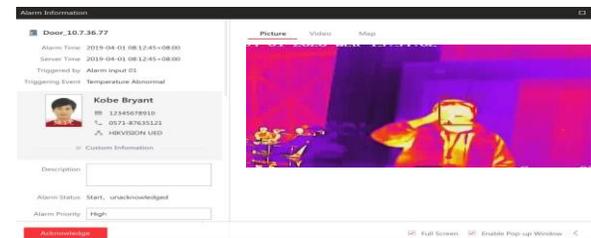
**1 Instant Audio Alarm**  
Abnormal temperature or no mask



**2 Door keep closed**  
Door keep closed for person:  

- Abnormal temperature
- Not wearing mask
- No access permission

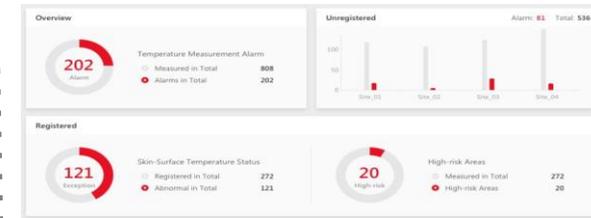
**3 Manual verification**



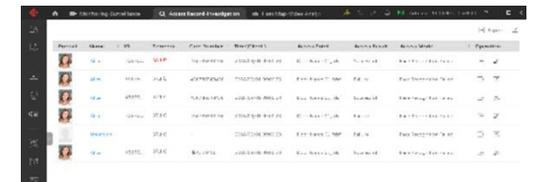
### HR



**1 Viewing statistics**  
Abnormal Temperature Trend  
Mask wearing trend  
Attendance report with temperature status



**2 One-click correction & export**  
Batch attendance correction for people with abnormal temperature



**3 Specific Temperature Report**

Records every measurements results of every devices, include Person's identification, temperature data, health status, mask status.

# Product Showcase

## MinMoe Wall-Mount Temperature Screening Terminal

- Touch-free Face identification, Temperature screening, mask detection
- Voice reminder of not-wearing mask and access prohibited
- Face capacity: **50,000**
- Temperature **accuracy**:  $\pm 0.5^{\circ}\text{C}$ , range: 30~45°C
- Face Recognition Duration(1:N)  $\leq 0.2\text{s}$
- Face Recognition Distance: 0.5m - 1.5m



DS-K1T671TM-3XF

## POE switch

- L2 unmanaged
- 10/100M RJ45 PoE ports, 1x 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)



## HikCentral Professional

- Lightweight deployment on i5, 8GB RAM
- Unified temperature, alarm and video management

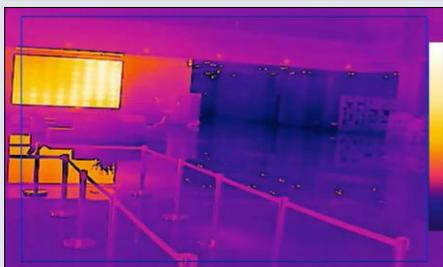
# 3

## Group Temperature Screening

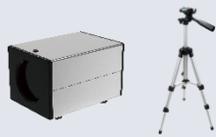
Highly Efficient for Indoor Crowds

### Features

- Up to **30 people group screening** simultaneously for indoor crowd
- Real-time **abnormal temperature alarm** with video and audio
- **Onsite viewing, alarm handling** with **centralized statistics and evidencing**



Thermographic Bullet Camera



Black Body + Tripod (optional)

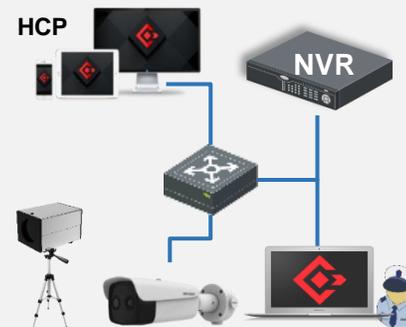


PoE switch

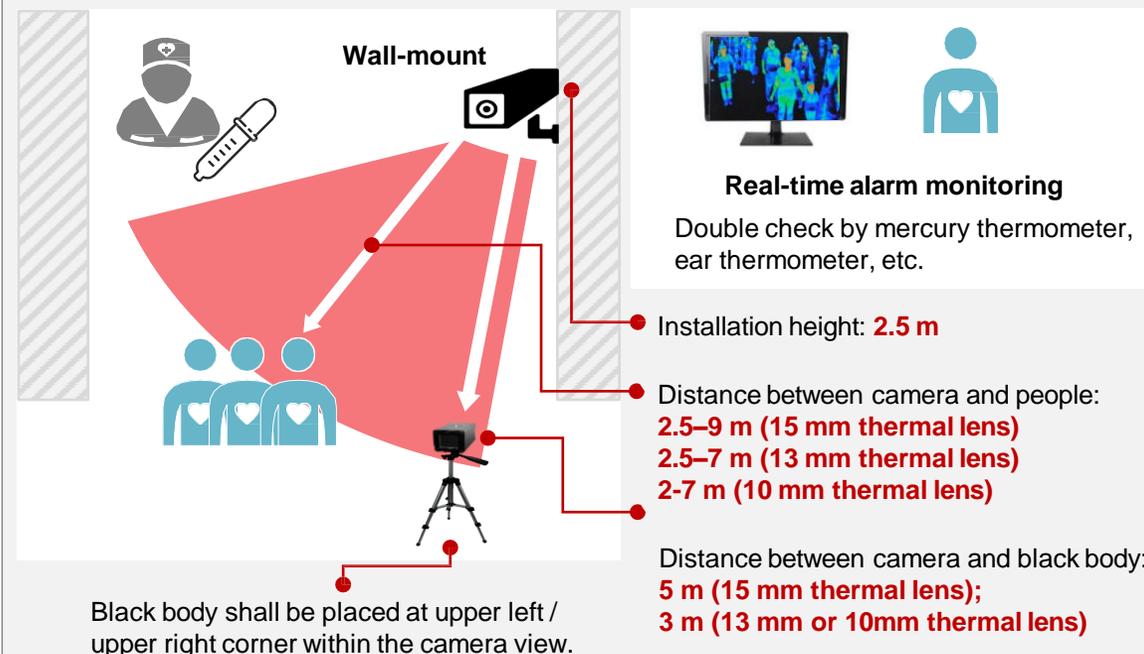


HCP

### Deployment



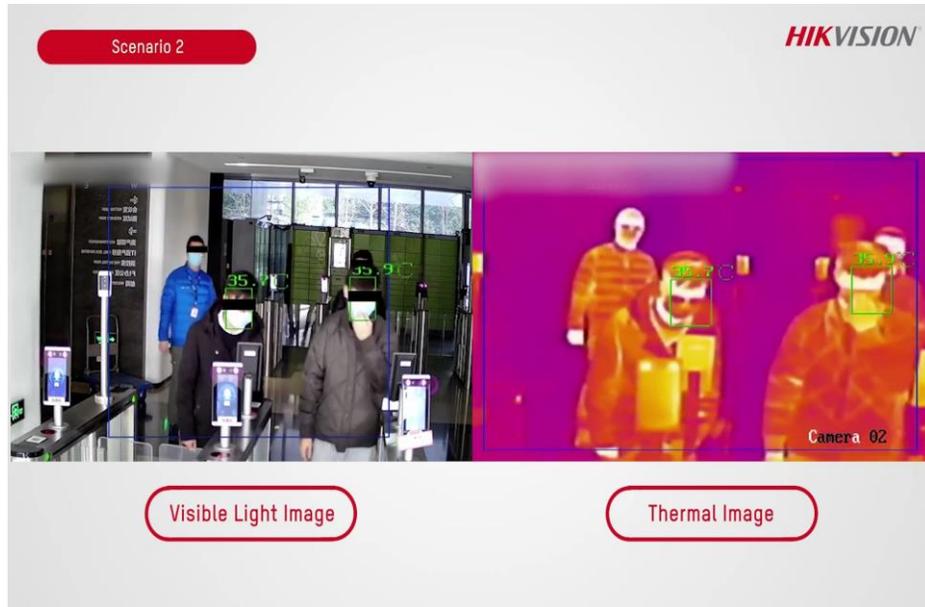
- **Indoor open space without wind**
- Simultaneous screening of **ca. 10-15 people**
- **30-45 °C** measurement range
- $\pm 0.5$  °C accuracy, **improve accuracy to  $\pm 0.3$  °C with black body calibrator**



# 3

## Group Temperature Screening

### Local Viewing and Centralized Management

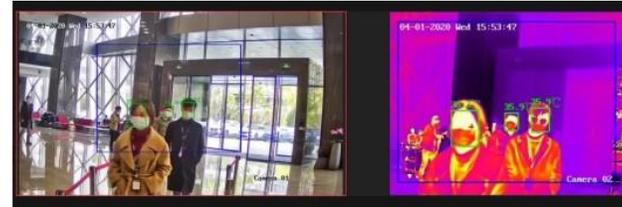


### Security Guard



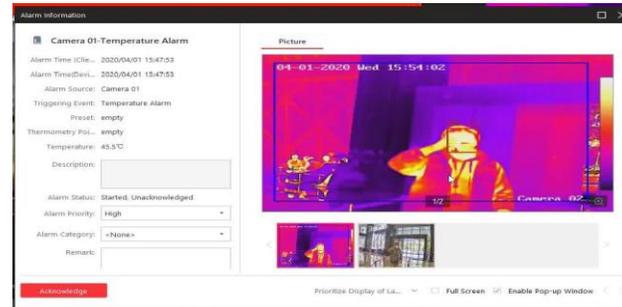
1

Local monitoring  
Bi-spectrum live view



2

Instant alarm popup  
Alarm with audio, snapshot and video



3

Quick search & export of evidence  
Auto video tag 'Abnormal Temperature'  
Batch export video clips



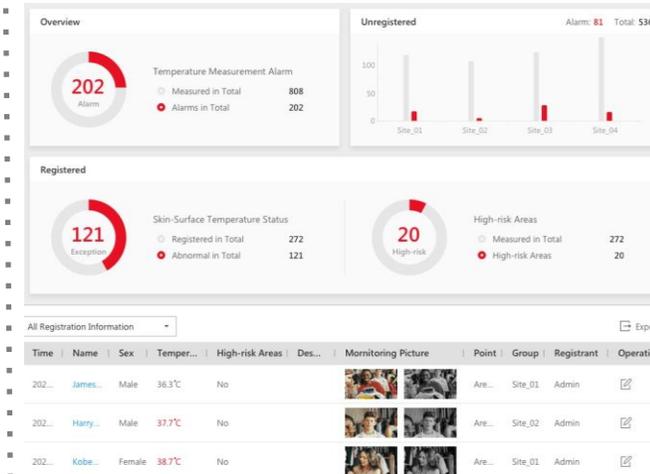
### HR



1

Viewing statistics

Total measured amount of person  
Abnormal Temperature Ratio



# Product Showcase

## Thermographic bullet camera

- Thermal: 384 × 288, lens: 15 mm/13 mm/10 mm
- Optical: 2688 × 1520, lens: 6mm/6mm/4mm
- Accuracy:  $\pm 0.5^{\circ}\text{C}$  ( $\pm 0.3^{\circ}\text{C}$  with black body)
- Measurement range: 30-45 $^{\circ}\text{C}$
- Working temperature: 10-35 $^{\circ}\text{C}$
- AI human detection, false alarms reduction
- Simultaneous Temperature screening for multiple people (Up to 30 people)



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

## Black Body Calibrator

- Temperature resolution: 0.1 $^{\circ}\text{C}$
- Accuracy:  $\pm 0.1^{\circ}\text{C}$
- Temperature stability:  $\pm 0.1^{\circ}\text{C/h}$
- Effective emissivity: 0.97 $\pm 0.02$
- Operating temperature: 0-30 $^{\circ}\text{C}$



DS-2TE127-G4A

## Accessories

- tripod and adaptor



## I-Series NVR

- 16-ch IP video, 320 Mbps incoming bandwidth
- 4 SATA Interfaces x 8TB capacity, 16/8 Alarm I/O
- 1.5U case, 19"



iDS-7716NXI-I4/16S(B)



## HikCentral Professional

- Lightweight deployment on i5, 8GB RAM
- Unified temperature, alarm and video management

## Monitor

- 1080P, HDMI/VGA input, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FN  
(23.8")



DS-D5032QE  
(31.5")



DS-D5043QE  
(43")

- 1080P, HDMI/VGA input, **build-in speaker**, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FC  
(23.8")



DS-D5032FC-A  
(31.5")



DS-D5043UC  
(43")

## POE switch

- L2 unmanaged, 10/100M RJ45 PoE ports
- 1x 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)

# 4

## Temperature Screening on Patrol

Anytime, Anywhere. Just One Click

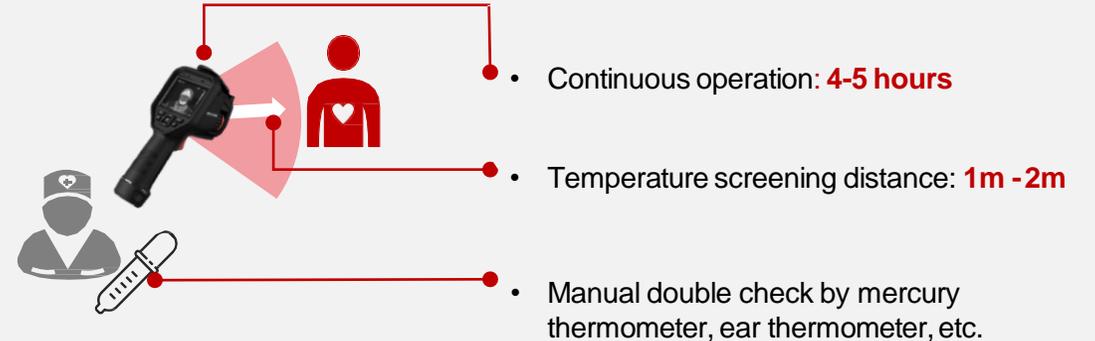
### Features

- Handheld standalone unit with **Wi-Fi hotspot**
- **Contact-free** temperature screening
- **3.5" LCD touch screen**, bi-spectrum fusion image
- **Abnormal temperature alarm with audio and snapshot** to client or mobile APP



### Deployment

- **Free indoor patrol**
- Temperature measurement range: **30-45 °C**
- Temperature measurement accuracy: **±0.5 °C**



### Product showcase



DS-2TP21B-6AVF/W

### Handheld thermographic camera

- Thermal resolution: 160 × 120
- Optical video resolution: 640 × 480
- 2MP/ 5MP/ 8MP snapshot
- 3.5" LCD touch screen
- Bi-spectrum image fusion
- Wi-Fi hotspot and Wi-Fi connection
- Measurement range: 30-45°C
- Accuracy: ±0.5°C
- Abnormal temperature alarm

# 5

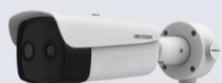
## Temperature Screening & Mask Detection

Visualized Group Screening with Interactive Display

### Features

- **Multi-location simultaneously** group screening, mask detection and non-sensing facial attendance
- **Visualized display** of abnormal temperature or no-mask alarm
- **Onsite viewing and centralized management** of temperature data, alarm and video
- **Fast video search** of target people by name, image, temperature or mask status.
- **Exporting reports** with personal information, temperature data and mask status

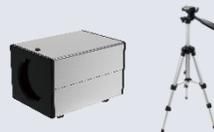
Total: 2048   No Mask: 7   Normal: 2044   Abnormal: 4



Thermographic Bullet Camera

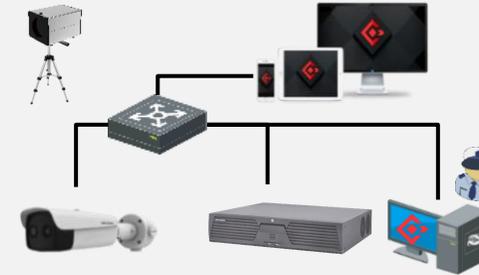


DeepinMind NVR



Black Body + Tripod (optional)

### Deployment

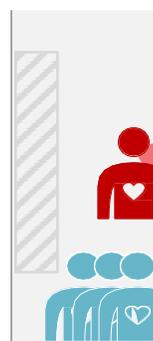


- **Indoor open space without wind**
- Simultaneous screening of **30 people**
- **30-45 °C** measurement range
- $\pm 0.5$  °C accuracy, **improve accuracy to  $\pm 0.3$ °C with black body calibrator**



#### Real-time alarm monitoring

- Double check by mercury thermometer, ear thermometer, etc.



- Installation height: **2.5 m**

Distance between camera and people:

- **2.5–9 m (15 mm thermal lens)**
- **2.5–7 m (13 mm thermal lens)**
- **2-7 m (10 mm thermal lens)**

Distance between camera and black body:

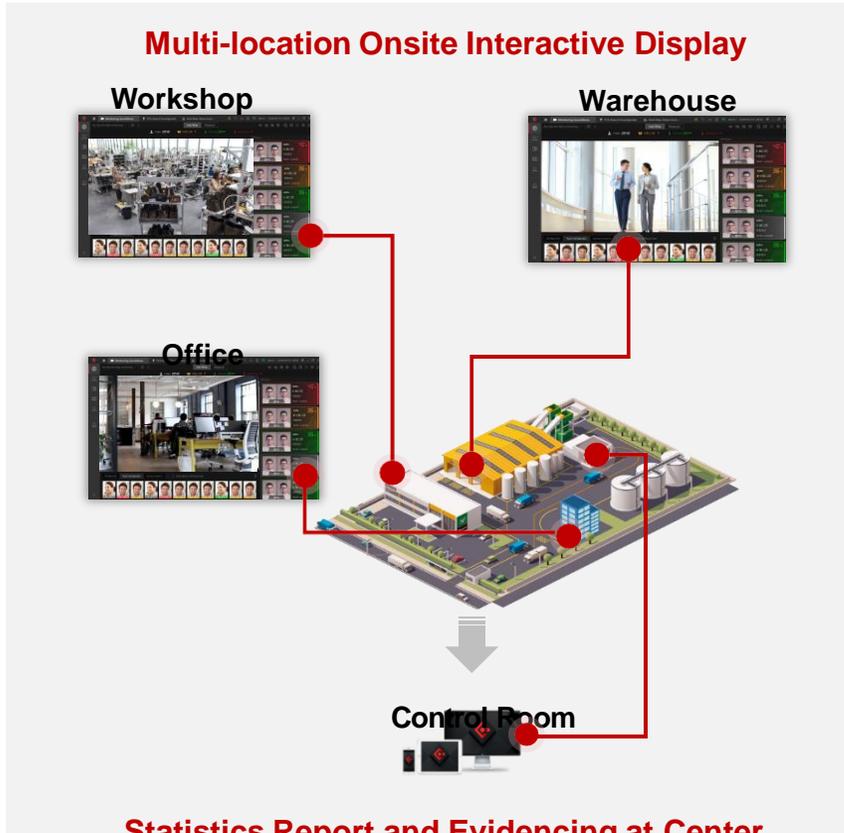
- **5 m (15 mm thermal lens);**
- **3 m (13 mm or 10mm thermal lens)**

- Black body shall be placed at upper left / upper right corner within the camera view.

# 5

## Group Temperature Screening

Highly Efficient Group Screening, Local Viewing and Centralized Management



### Security Guard



#### 1 Intuitive Monitoring

Temperature measurement,  
Personal identification,  
Mask detection



#### 2 Instant & Interactive Alarm

Abnormal temperature or no mask

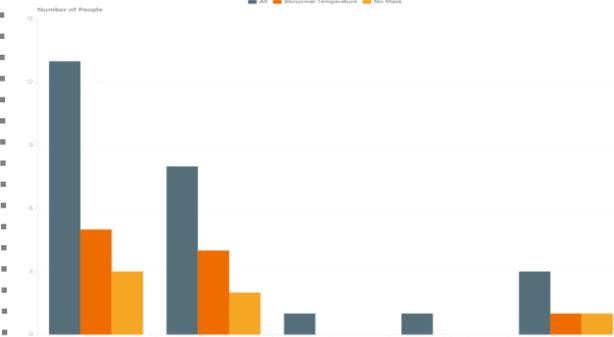


### HR



#### 1 Viewing statistics

Abnormal Temperature Trend  
Mask wearing trend  
Attendance report with temperature status



#### 2 One-click correction & export

Batch attendance correction for people with abnormal temperature and export report for payroll system.

#### 3 Specific Temperature Report

Records every measurements results of every devices, include Person's identification, temperature data, health status, mask status.

Time	Person Name	Person Group	Temperature Status	Temperature Data	Mask
2020/4/7 20:29:54	John	Sales	Normal	36.2°C	Wear Mask
2020/4/8 14:00:07	Ben	Sales	Abnormal	38.2°C	Wear Mask
2020/4/8 13:58:02	Alex	R&D	Normal	36.7°C	No Mask

Total: 33

No Mask 11

Normal 21

Abnormal

04-16-2020 Thu 12:31:25



attendance

WILL... 36.0  
 • Wear Mask  
 Camera 01  
 04/16 12:29:37  
 50%

John... 84.5  
 • Wear Mask  
 Camera 01  
 04/16 12:29:32  
 58%

WILL... 36.4  
 • Wear Mask  
 Camera 01  
 04/16 12:29:31  
 83%

John... 36.4  
 • Wear Mask  
 Camera 01  
 04/16 12:29:27  
 50%

Rookie Xu 36.0  
 • No Mask  
 Camera 01  
 04/16 12:25:19  
 93%

Rook... 35.1  
 • No Mask  
 Camera 01  
 04/16 12:24:58  
 83%

Rook... 36.5  
 • No Mask

All Events | Face Comparison | Access Control | Vehicle Record |  Subscribe All



# Product Showcase

## Thermographic bullet camera

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



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

## Black Body Calibrator

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



DS-2TE127-G4A

## Accessories

- tripod and adaptor



## DeepInMind NVR

- 8ch/16ch facial recognition, alarm and attendance
- 16 face libraries, up to 100K face pictures per library  
100K total capacity.
- Mask detection and alarm
- Support temperature alarm from thermographic cameras



## HikCentral Professional

- Lightweight deployment on i5, 8GB RAM
- Unified temperature, alarm and video management



## Monitor

- 1080P, HDMI/VGA input, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FN  
(23.8")



DS-D5032QE  
(31.5")



DS-D5043QE  
(43")

- 1080P, HDMI/VGA input, **build-in speaker**, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FC  
(23.8")



DS-D5032FC-A  
(31.5")



DS-D5043UC  
(43")

## POE switch

- L2 unmanaged, 10/100M RJ45 PoE ports
- 1x 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)

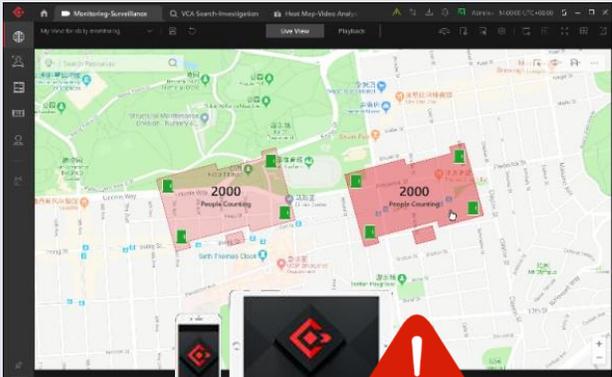
# 6

## Retention Alarm to Prevent Overcrowded Situation

Protect Social Distance for Indoor Public Places

### Features

- Real-time **bi-directional people counting**
- **Retention alarm** if indoor people exceeds pre-configured limit
- **View and export report of** historical statistics
- **Multi-door** retention and statistics supported by HCP



#### Option 1 Simple & specified people counting



- Bi-direction people counting
- Retention Alarm
- Filter target by height

#### Option 2 People Counting & HD Surveillance



- Bi-direction people counting
- Retention Alarm
- 4MP HD video with facial AI
- Darkfighter and WDR



### Deployment

- Indoor application



- **Ceiling mount only**, 90° downward viewing
- **2.5m or above** installation height
- Filtering target by height

- **Ceiling mount or Wall-mount**
- **2m or above** installation height
- For scenes **with no overlapping**

# Product Showcase

## People Counting Camera



DS-2CD7146G0-IZS

- 4MP@30fps HD video, ceiling mount or wall mount
- Bi-directional people counting with retention alarm
- Staff and repetitive customer exclusion for people counting
- Real-time counting and historical statistics report
- Facial recognition and facial list alarm
- Customer attributes analysis



DS-2CD6825G0/C-I

- 1920 × 1200 @ 30fps, ceiling mount only
- Bi-directional people counting with retention alarm
- Target filtering by height and wandering exclusion
- Real-time counting and historical statistics report
- IP66, IK08

## I-Series NVR

- 16-ch IP video, 320 Mbps incoming bandwidth
- 4 SATA Interfaces x 8TB capacity, 16/8 Alarm I/O
- 1.5U case, 19"



IDS-7716NXI-I4/16S(B)



## HikCentral Professional

- Lightweight deployment on i5, 8GB RAM
- Unified temperature, alarm and video management

## Monitor

- 1080P, HDMI/VGA input, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FN  
(23.8")



DS-D5032QE  
(31.5")



DS-D5043QE  
(43")

- 1080P, HDMI/VGA input, **build-in speaker**, plastic casing, VESA, base bracket included, 7\*24h



DS-D5024FC  
(23.8")



DS-D5032FC-A  
(31.5")



DS-D5043UC  
(43")

## POE switch

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



DS-3E0105P-E(B)



DS-3E0109P-E(C)

APAQ had the honor of being awarded the title

" HIKVISION MALAYSIA AUTHORIZED PROJECT PARTNER 2019-2020"



**HIKVISION**  
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# Hikvision products on show



# In stock, fast delivery



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- One-stop service : equipment sales, installation and maintenance services.
- Involving Hikvision's full range of products, From thermal imaging temperature screening, Security inspection equipment (Security gates, X-RAY luggage detectors, Vehicle inspection scanning, Access control systems), Drones (aircraft, UAV defense systems), Robots, Video surveillance security equipment, Indoor and outdoor large LED screens, conference screens, etc.

For more detail please contact

Email: [apaqsolutions@gmail.com](mailto:apaqsolutions@gmail.com)

WhatsApp: +6012 665 5139

# Thanks



**HIKVISION®**