

Flexible Product Choices

Temperature Screening Solution Range

Hikvision Temperature Screening Solution, with multiple product types and wide range of applications, is designed for the detection of skin-surface temperatures so as to achieve rapid and safe preliminary screening in public areas with high efficiency in a multitude of scenarios.

Thermographic
Cameras

MinMoe Terminals

Metal Detector Door

DeepinMind NVRs



We Offer a Better Approach

An approach that incorporates competent technologies, instead of manpower alone, can be a much better choice in many ways. Such an approach is:



Safer

Non-contact measurement to avoid physical contact



Faster

One second per person for skin-surface temperature detection



Smarter

AI detection, greatly reducing false alarms

Advantages of Thermal Technology

- AI technology ensures thermographic cameras only detect human skin-surface temperature to reduce false alarms of other heat sources.
- Compensation algorithm ensures the temperature is compensated with ambient temperature and the distance of the measured target for better accuracy.
- Thermal technology has been applied widely in temperature screening scenarios as it offers more flexibility and efficiency in preliminary screening of elevated skin-surface temperatures.



Workflow

Entering
detection
area

1



Human skin-surface temperature measurement
Fast preliminary temperature screening
without contact



Locating
potential abnormal
temperatures

3

Second check with
mercury or ear
thermometers

4

Solutions Overview

Fixed Camera – Temperature Screening Solution



- Ideal for covering entrances, lobbies and hallways
- Increased safety, measure many people without physical contact
- High efficiency, only one second to detect a person
- High accuracy: camera standalone accuracy is $\pm 0.5^{\circ}\text{C}$, and up to $\pm 0.3^{\circ}\text{C}$ with a Blackbody calibrator
- Easy installation and configuration

Solution Products

- Temperature Screening bullet/turret camera: **DS-2TD1217B-6/PA**, **DS-2TD2636B-13/P**
- Blackbody Calibrator (*Optional): **DS-2TE127-64A**
- Hikvision I series NVR: **DS-7616NI-I2/16P**
- PC with software (**iVMS-4200** or **HikCentral**) (optional)

Accessories

- Tripod: **DS-2907ZJ**
- Tripod adaptor: **DS-2909ZJ / DS-2908ZJ**
- Switch: **DS-3E0109P-E(C)**
- Monitor: **DS-D5022FN**

Handheld Wireless Mobile Camera – Temperature Screening Solution



- Ideal for mobile use, moving quickly between different venues
- Flexible and quick deployment
- Easy connection, cable free
- Increased safety, measure individuals without physical contact

Solution Products

- Temperature Screening handheld camera: **DS-2TP21B-6AVF/W**
- PC with software (**iVMS4200**) (optional)

Accessories

- Tripod: **DS-2907ZJ** (Optional)

Touch Free Access Control – Temperature Screening Solution



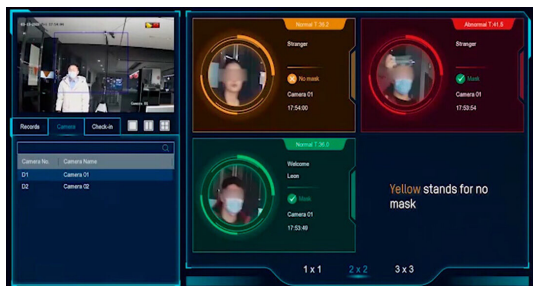
- Ideal for contactless doorway access
- Thermographic camera built-in delivering efficient temperature measurement
- Real-time skin-surface temperature display
- Face mask detection

Solution Products

- MinMoe Temperature Screening Terminal (**DS-K1T671TM-3XF**)
- Floor stand (optional) (**DS-KAB671-B**)
- PC with software (**iVMS-4200** or **HikCentral**) (optional)

Solutions Overview

Face Mask Detection – Temperature Screening Solution



- Ideal for checking when and where face masks are required
- Clear intuitive display settings (for example):
 - Red for temperature
 - Orange for missing mask
 - Green for wearing mask and below set skin temperature
- Fast history search selected by temperature and/or mask status

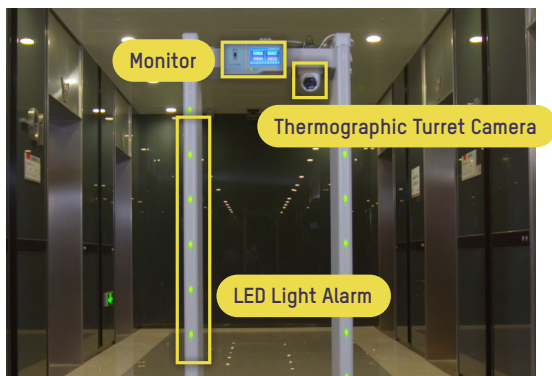
Solution Products

- Temperature Screening bullet/turret camera: **DS-2TD1217B-6/PA**, **DS-2TD2636B-13/P**
- Blackbody Calibrator (*Optional): **DS-2TE127-G4A**
- Hikvision DeepinMind NVR: **iDS-7716NXI-I4/16P/X(B)**
- PC with software (**iVMS-4200** or **HikCentral**) (optional)

Accessories

- Tripod: **DS-2907ZJ**
- Tripod adaptor: **DS-2909ZJ / DS-2908ZJ**
- Switch: **DS-3E0109P-E(C)**
- Monitor: **DS-D5022FN**

Entrance Metal Detector Door – Temperature Screening Solution



- Ideal for main entrances where immediate testing is required for both metal detection and skin surface temperature together
- On-board thermal camera providing accurate skin-surface temperature measurement
- Includes a live display for real time skin-surface temperature
- Light and audio alarm built-in
- Fast deployment

Solution Products

- Metal Detector Door (**ISD-SMG318LT-F**)
- PC with software (**iVMS-4200** or **HikCentral**) (optional)

Product Showcase

Thermographic Cameras

Thermographic Bullet Camera

DS-2TD2617B-3/6PA



- Thermal resolution: 160 × 120
- Thermal lens: 3 mm / 6 mm
- Optical: 2688 × 1520
- Optical lens: 4 mm / 8 mm
- Bi-spectrum image fusion
- Accuracy: ±0.5°C (±0.3°C with blackbody)
- Measurement range: 30-45°C
- Supports audio alarms
- Working temperature: 10-35°C
- AI human detection, false alarms reduction
- Multi-person detection, simultaneously captures results

Thermographic Turret Camera

DS-2TD1217B-3/6PA



- Thermal resolution: 160 × 120
- Thermal lens: 3 mm / 6 mm
- Optical: 2688 × 1520
- Optical lens: 4 mm / 8 mm
- Bi-spectrum image fusion
- Accuracy: ±0.5°C (±0.3°C with blackbody)
- Measurement range: 30-45°C
- Supports audio alarms
- Working temperature: 10-35°C
- AI human detection, false alarms reduction
- Multi-person detection, simultaneously captures results

Thermographic Bullet Camera

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



- Thermal resolution: 384 × 288
- Thermal lens: 15 mm / 13 mm / 10 mm
- Optical: 2688 × 1520
- Optical lens: 6 mm / 6 mm / 4 mm
- Accuracy: ±0.5°C (±0.3°C with blackbody)
- Measurement range: 30-45°C
- Working temperature: 10-35°C
- AI human detection, false alarms reduction
- Multi-person detection, simultaneously captures results

Thermographic Handheld Camera

DS-2TP21B-6AVF/W



- Thermal resolution: 160 × 120
- Optical resolution: 640 × 480
- Measurement range: 30-45°C
- Touch screen
- Accuracy: ±0.5°C
- Bi-spectrum image fusion
- Supports Wi-Fi
- Supports audio alarms
- Automatic screenshots & uploading

Blackbody Calibrator

DS-2TE127-64A



- 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

*Hikvision's Temperature Screening Thermographic Cameras are designed for the detection of skin-surface temperatures so as to achieve rapid preliminary screening in public areas. Actual core body temperatures should be further confirmed using clinical measurement devices. Under any circumstances, it is highly recommended to use Hikvision's Thermographic Cameras in accordance with local laws and regulations.

MinMoe Terminal

MinMoe Wall-Mounting Touch-free Temperature Screening Terminal



DS-K1T671TM-3XF

- LCD touch screen
- Thermographic technology, temperature range: 30-45°C, accuracy: ±0.5°C
- Temperature screening of forehead
- Authentication distance: 0.5 m - 1.5 m, height: 1.2 m - 1.9 m
- Temperature screening with visual results and audio prompt

Metal Detector Door

ISD-SMG318LT-F



- 18 independent detection zones
- 7-inch LCD touch screen
- Thermal resolution: 160 × 120
- Temperature measurement accuracy: ±0.5°C
- Temperature measurement range: 30-45°C
- Bi-spectrum image fusion
- In accordance with the international safety standard, friendly to pregnant woman, people with cardiac pacemaker, etc.

DeepinMind NVRs

iDS-7716(/32)NXI-I4(/16P)/X(B)(T)



iDS-9616(/32)NXI-I8/X(B)(T)



- Up to 16 channels of face picture comparison
- 32-library capacity with up to 100,000 face pictures in total

DS-3E0105P-E(B)



DS-3E0109P-E(C)



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

Monitors



DS-D5024FN
(23.8")

DS-D5032QE
(31.5")

DS-D5043QE
(43")

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



DS-D5024FC
(23.8")

DS-5032FC-A
(31.5")

DS-D5043UC
(43")

- 1080p, HDMI/VGA input, with built-in speaker, plastic casing, VESA, base bracket included, 24/7 operation

PoE Switches

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.
- The customized HikCentral Professional version supports thermographic products, DeepinMind NVRs and face recognition terminals