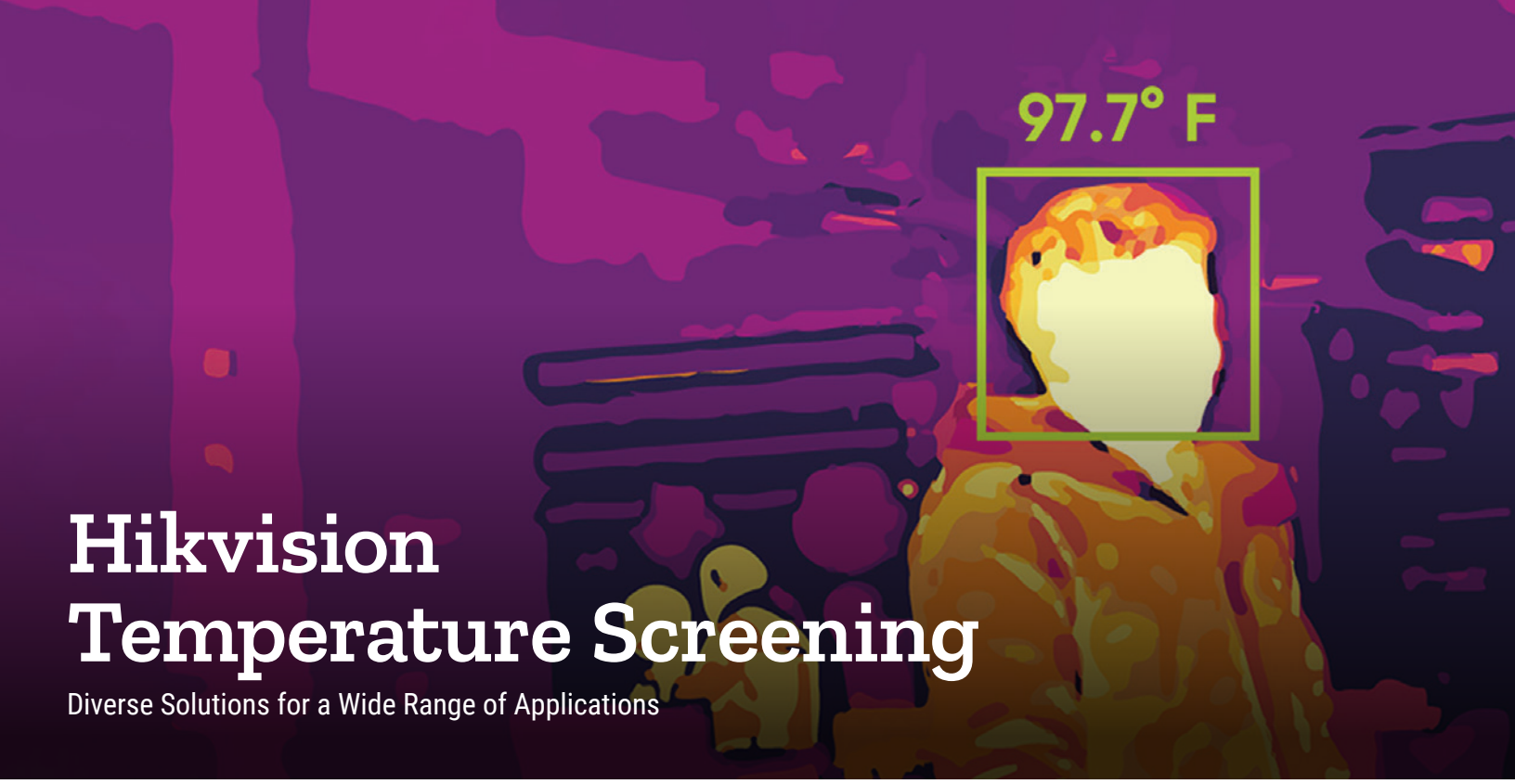

Hikvision Temperature Screening

Diverse Solutions for a Wide Range of Applications

Easy-to-operate Hikvision temperature screening solutions provide advanced detection of elevated skin-surface temperature and are available in multiple housing types. Screening takes less than one second, is highly accurate, and offers contactless measurement from a distance.

Temperature Screening Integrated With:

- Handheld Cameras
- Surveillance Cameras
- Security Metal Detector
- Access Control Terminal
- NVR Workstations
- Mobile and Desktop Applications

Toll-Free: +1 866-200-6690 (U.S. and Canada) | Connect with us: | hikvision.com

HIKVISION

Disclaimer: Hikvision USA Inc. products depicted herein are not FDA approved medical devices and are not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease. When configured correctly, the Hikvision products discussed herein can identify elevated human skin-surface temperature relative to a sample population.

Pain Points of Conventional Methods

Conventional methods that do not use preliminary screening have several disadvantages:

Close Contact, High Risk
Close contact with individuals leads to potential risks

High Cost, Low Efficiency
Increased staff required, and one-to-one inspection is inefficient and costly

Added Expenses
Continual replacement of personal protective equipment (PPE) is required

We Offer a Better Approach

An approach that incorporates competent technologies, offers many advantages:

Safer
Non-contact measurement to avoid physical contact

Faster
One second per person for skin-surface temperature detection

Smarter
Smart detection, greatly reducing false alarms*
** Smart detection is not available on handheld models.*

Advantages of Thermal Technology

- Smart detection ensures thermographic cameras only detect human skin-surface temperature to reduce false alarms caused by other heat sources such as a cup of coffee.
- Advanced algorithms accurately calculate the forehead skin-surface temperature using face detection and many parameters including infrared radiation, ambient temperature and the distance of the measured target.
- Thermal technology is ideal for temperature screening in a variety of applications, offering flexibility and efficiency in preliminary screening of elevated skin-surface temperatures.

Elevated Skin-Surface Temperature Detection Process

Enter detection area

Camera immediately provides preliminary temperature measurement without contact

Qualified personnel evaluates elevated temperature and performs secondary check*

**Secondary check should be with a FDA-approved medical device.*

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Solution Overview

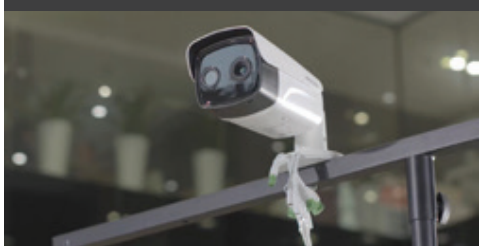
Operation Tips
- Install the devices in a stable indoor environment without wind or direct sunlight
- Set up a specific temperature measurement zone
- If abnormal skin-service temperature is detected, qualified personnel using approved medical devices should perform a secondary check
- Please ensure operation meets local privacy laws and regulations

Temperature Screening with Fast Deployment

Handheld Cameras

Ultimate portability with temperature alarm functions

Surveillance Cameras



Bi-spectrum cameras with advanced features for temporary and permanent installations

Security Metal Detector

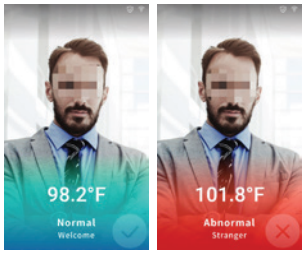
Real-time sound and light alarms for temperature measurement and metal detection

** Includes thermographic turret camera*

Flexible product choice for a variety of temperature screening applications.

Temperature Screening with Access Control

Easier, Safer Touch-Free Access



Touch-free access control terminal with temperature measurement, mask detection and video intercom

Mount on the wall, floor or desk

Hikvision tablet provides remote monitoring and communication with people at the screening terminal

Mount on the wall or included desktop stand

Remote Management Options

Economical Management Options

Manage the Cameras From a Safe Distance

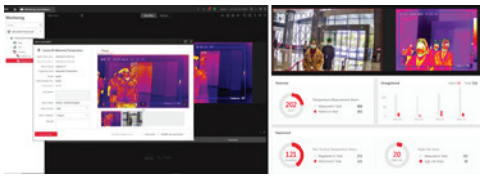
Hik-Thermal
- Free mobile app for professional handheld camera

Hik-Connect
- Free mobile app for all IP cameras and recorders

iVMS-4200
- Free desktop app for all IP cameras and recorders

I-Series NVRs
- Network Video Recorders for all IP cameras

HikCentral Professional



Central Management Software

HikCentral Professional provides a powerful, flexible and efficient central management system for all your cameras across one to many locations using a server-client architecture. The client interface provides live monitoring, instant alarm popups, temperature measurement alarm reports, quick record-searching and exporting. The specialized HikCentral Professional version supports thermographic surveillance cameras and access control terminal, and the DeepinMind NVR.

Intelligent NVR Workstation

DeepinMind NVR for Surveillance Cameras

The specialized interface of the DeepinMind NVR displays temperature, mask status and identity of registered persons with voice alerts. The NVR uses its deep-learning-based algorithm to detect face masks and perform face matching even while the subjects wear masks. The NVR can also alert to unknown visitors.

HIKVISION

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Product Showcase

Thermographic Cameras

Short-Range Turret Camera
DS-2TD1217B-3/PA

- Effective range: 2.6 to 4.9 ft
- Thermal resolution: 160 × 120
- Thermal lens/FOV: 3 mm/50°×37.2°
- Optical: 4 MP (2688 × 1520)
- Optical lens/FOV: 4 mm/84.0°×44.8°
- Bi-spectrum thermal-optical image fusion
- Accuracy: ±0.9° F (±0.5° F with blackbody)
- Detects and alerts absence of face mask
- Voice alarms with built-in speaker
- Smart detection and measurement of foreheads speeds up screening and reduces false alarms

Mid-Range Bullet Camera
DS-2TD2617B-6/PA

- Effective range: 4.9 to 9.8 ft
- Thermal resolution: 160 × 120
- Thermal lens/FOV: 6 mm/25°×18.7°
- Optical: 4 MP (2688 × 1520)
- Optical lens/FOV: 8 mm/39.4°×22.1°
- Bi-spectrum thermal-optical image fusion
- Accuracy: ±0.9° F (±0.5° F with blackbody)
- Detects and alerts absence of face mask
- Voice alarms with built-in speaker
- Smart detection and measurement of foreheads speeds up screening and reduces false alarms

Long-Range Bullet Camera
DS-2TD2636B-13/P

- Effective range: 8.2 to 23 ft
- Thermal resolution: 384 × 288
- Thermal lens/FOV: 13 mm/28.8°×21.6°
- Optical: 4 MP (2688 × 1520)
- Optical lens/FOV: 6 mm/51.7°×28.0°
- Bi-spectrum thermal-optical image fusion
- Accuracy: ±0.9°F (±0.5°F with blackbody)
- Detects and alerts absence of face mask
- Smart detection and measurement of foreheads speeds up screening and reduces false alarms

Professional Handheld Camera
DS-2TP21B-6AVF/W

- Effective range: 3.3 to 6.6 ft
- Thermal resolution: 160 × 120
- Optical resolution: 8 MP
- Measurement range: 86-113° F
- Accuracy: ±0.9° F
- 3.5 in LCD touchscreen
- Bi-spectrum thermal-optical image fusion
- Manageable by apps via Wi-Fi connection
- Audible and visual temperature alarms
- Supports recording video and screenshots

Value Handheld Camera
DS-2TP31B-3AUF

- Effective range: 3.3 ft
- Thermal resolution: 160 × 120
- Measurement range: 86-113° F
- Accuracy: ±0.9° F
- 2.4 in LCD screen
- Visual temperature alarm
- Standalone operation

Blackbody Calibration Tool
DS-2TE127-G4A

- Temperature reference for turret and bullet cameras
- Temperature resolution: 0.18° F (0.1° C)
- Accuracy: ± 0.18° F (0.1° C)
- Temperature stability: ± 0.18°F/h (0.1°C/h)
- Effective emissivity: 0.97±0.02
- Operating temperature: 32–86° F (0–30° C)

Access Control Terminal

Temperature Screening Access Control Terminal
DS-K1T671TM-3XF

- Effective range: 0.98 to 6.5 ft
- Thermal resolution: 160 × 120
- Optical resolution: 2 MP dual lens
- Measurement range: 86-113° F
- Accuracy: ±0.9° F
- Temperature, mask and identity screening with on-screen results and voice alerts
- Automatically controls door access if needed
- 7 in LCD touchscreen
- Mounts on the wall, floor stand, or desk stand

Monitoring Tablet

Live View of Screening Results and Intercom
DS-KC001

- Remote temperature screening and records checking, real-time preview
- Abnormal temperature alarm
- Remote access control and video intercom
- 7 in touchscreen Android tablet
- Display resolution: 1024 × 600
- Wi-Fi 802.11b/g/n

Security Metal Detector

Temperature Screening and Metal Detection in One
ISD-SMG318LT-F

- 18 independent metal detection zones withLEDs locate metal objects
- 7 in LCD touchscreen displays results
- Thermal resolution: 160 × 120
- Measurement range: 86-113° F
- Accuracy: ±0.9° F (±0.5° F with blackbody)
- Bi-spectrum image fusion
- In accordance with the international safety standard, friendly to pregnant woman, people with cardiac pacemaker, etc.

DeepinMind NVR

iDS-9632NXI-I8/X(B)

- Detects absence of face mask
- Detects known and unknown individuals with up to 16 channels of face picture comparison
- Special UI screen displays temperature, mask and identity check results with audio and statistics
- Supports 32 channels, up to 96 TB, and RAID

Professional I-Series NVRs

DS-9616NI-I8
DS-9632NI-I8
DS-9664NI-I8

- Display and record surveillance video with temperature information
- Receive temperature alarms from the cameras
- 16, 32 and 64 channel models available
- Support up to 96 TB and multiple RAID levels
- Support N+1 hot spare NVR

Performance I-Series NVRs

DS-7608NI-I2/8P
DS-7616NI-I2/16P
DS-7716NI-I4/16P
DS-7732NI-I4/24P

- Display and record surveillance video with temperature information
- Receive temperature alarms from the cameras
- 8, 16 and 32 channel models available
- Support up to 24 or 48 TB (I2 or I4 models, respectively)
- Integrated 8, 16 or 24 port PoE+ network switch

PoE+ Network Switches

DS-3E0105P-E2 DS-3E0318P-E2
DS-3E0109P-E2 DS-3E0326P-E2

- Specialty video surveillance PoE+ network switches
- 4, 8, 16 and 24 PoE port models with extra uplink port(s)
- Large power budgets and stable power supply
- Extended transmission capability up to 300 m
- Large data buffer and priority ports
- 6 kV surge protection for connected devices

Value Series Monitors

DS-D5019QE-B (18.5")

DS-D5022QE-B (21.5")

DS-D5032QE (31.5")

- Plastic casing, LED-backlit LCD, HDMI/VGA input, VESA, base bracket included, 24/7 operation

Pro Series Monitors

DS-D5022FC (21.5")

DS-D5024FC (23.6")

DS-D5032FL (31.5")

- Plastic or metal casing, built-in speakers, LED-backlit LCD, more inputs and outputs, VESA, base bracket included (except 31.5"), 24/7 operation

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