



Hikvision Temperature Screening Solution for Airports & Railway Stations

Safer, Faster, Smarter

Background

Vast numbers of people are constantly moving through airports and railway stations every day. Hikvision Temperature Screening Solutions are designed for the rapid and efficient detection of skin-surface temperatures, meeting safety needs for three typical scenarios:



Entrances



Departures & Transfers



Arrivals

01 Temperature Screening for Entrances and Arrivals

Entrances & Arrivals are always busy with heavy foot traffic. So a **quick and convenient setup is recommended** for preliminary temperature screening. For people with abnormal temperatures, secondary, precision measurement will be available.



1-1 Temperature Screening & Security Surveillance – Visualized, Bi-spectrum Live View

- The visualized bi-spectrum (thermal & optical) live view provides both temperature measurement and basic surveillance at the same time.
- Tripod mounting and simple wiring make for easy installation and use.



Typical Scenario



Thermal Imaging



Optical Imaging

Thermographic Bullet Camera

- Thermal: 384 × 288, lens: 10, 13, 15 mm
- Optical: 2688 × 1520, lens: 4, 6, 6 mm
- Accuracy: ±0.5°C (±0.3°C with blackbody calibrator)
- Measurement range: 30-45°C
- All human detection, false alarms reduction
- Simultaneous temperature screening for multiple people (Up to 30 people at once)



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

Blackbody Calibrator (Optional)

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



DS-2TE127-G4A

Value-Added Choices

Mask-Detection & Intuitive Demonstration

- With DeepinMind NVRs and thermal cameras, users will enjoy additional functions:
- Mask Detection
 - Intuitive Demonstration
 - Search by Image

DeepinMind NVR

- 16 channels of face image comparison
- 32-library capacity with up to 100,000 face images



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Local Storage and Information Recording

- With HikCentral Professional, users will enjoy additional functions:
- Local storage with pStor
 - Identity information can be registered upon detection of abnormal temperatures
 - The data can be intuitively displayed and easily exported

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.

Personnel Access Management & Skin-Temperature

Real-Time Pop-Up Alarm

Dashboard

1-2 Easy Supplemental Temperature Screening – Simple Wireless Connection

Handheld thermographic cameras can be added at entrances for temporary temperature screening with secondary queues during busy periods.



Typical Scenario



Real Image

Thermographic Handheld Camera

- Thermal resolution: 160 × 120
- Optical resolution: 640 × 480
- Measurement range: 30-45°C
- Accuracy: ±0.5°C
- Bi-spectrum image fusion
- Supports Wi-Fi



DS-2TP21B-6A/W/W

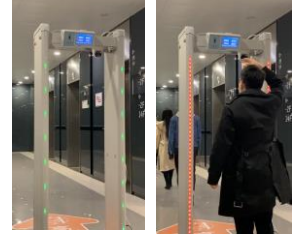
02 Temperature Screening for Departures and Transfers

Departures & Transfers Every passenger should undergo temperature screening before boarding a flight. The procedure should be **quick and convenient** to prevent crowding and missed connections.



Temperature Screening with Route Guide – Real-Time Audio and Visual Alarm

- Metal detector doors with thermal cameras provide quick deployment at building entrances, lobbies, and more.
- Real-time onboard light and audio alarm warnings are supported.



Typical Scenario

Metal Detector Door

- 18 independent detection zones, LCD screen
- Thermal camera resolution: 160 × 120
- Temperature range: 30-45°C
- Temperature accuracy: ±0.5°C



ISD-SMG318LT-F



Normal



Abnormal Temperature