



Background

Vast numbers of people are working and moving inside office buildings. Hikvision Temperature Screening Solutions are designed for efficient detection of skin-surface temperatures, meeting safety needs for two typical scenarios:



Entrances



Office Areas

01 Temperature Screening for Entrances

Entrance is where everyone enters and exits buildings. To prevent crowding, a quick and convenient setup is recommended for preliminary temperature screening.



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 Image



Optical Image

Thermographic Bullet Camera

- Thermal: 160 × 120 ;
- Optical: 2688 × 1520 ;
- Accuracy: ±0.5°C (±0.3°C with blackbody calibrator) **DS-2TD2617B-3/6PA**
- Measurement range: 30-45°C

Thermographic Turret Camera

- Thermal: 160 × 120 ;
- Optical: 2688 × 1520 ;
- Accuracy: ±0.5°C (±0.3°C with blackbody calibrator) **DS-2TD1217B-3/6PA**
- Measurement range: 30-45°C

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:

- 1) Mask Detection
- 2) Intuitive Demonstration
- 3) Search by Picture



DeepinMind NVR

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

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Local Storage and Information Recording

With HikCentral Professional, users will enjoy additional functions:

- 1) Local storage with pStor
- 2) Identity information can be registered upon detection of abnormal temperatures
- 3) 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 Measurement

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-6AVFAW**

1-3 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 x 120
- Temperature range: 30-45°C
- Temperature accuracy: ±0.5°C

ISD-SMG318LT-F



Normal



Abnormal Temperature