



Background

Supermarket is the place where people regularly visit to purchase foods and household merchandise and is usually surrounded with lots of restaurants and stores. Thus, the people density can stay at a very high level there. Skin temperature screening is particularly important in such a place. Hikvision provides a comprehensive temperature screening solution for two scenarios:



Passenger Entrance



Vehicle Entrance & Exit

01 Passenger Entrance

Passenger entrance is where everyone walks into the supermarket. It is always the most crowded spot. People flow keeps at a high level. The measurement procedure should be **fast and convenient** to avoid commotion and crowding.



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

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



Typical Scenario



Thermal Image



Optical Image

Thermographic Bullet Camera <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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) <ul style="list-style-type: none"> • Temperature resolution: 0.1°C • Accuracy: ±0.1°C • Temperature stability: ±0.1°C/h • Effective emissivity: 0.97±0.02 DS-2TE127-G4
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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

Real-time pop-up alarm

Dashboard

02 Vehicle Entrance & Exit

Many people drive to the supermarket. They enter the supermarket from the parking lot. Thus, it is essential to measure everyone's temperature at the vehicle entrance.



Handheld Thermographic Temperature Screening – Anytime, Anywhere. Just one click.

- 1 For preliminary temperature screening by spot-checking inspectors.
- 2 No need for deployment, easy to use, quick measurement, live results display.
- 3 Security staff can use it alone, or with Hik-Thermal app / iVMS-4200. And the camera provides Wi-Fi hotspot for live view on PC or mobile client.



Typical Scenario



Camera View

Handheld Thermographic Camera

- Thermal resolution: 160 × 120 ;
- Optical resolution: 640 × 480 ;
- Measurement range: 30-45°C
- Accuracy: ±0.5°C **DS-2TP21B-**
- Bi-spectrum image fusion **6AVFAW**



HIKVISION