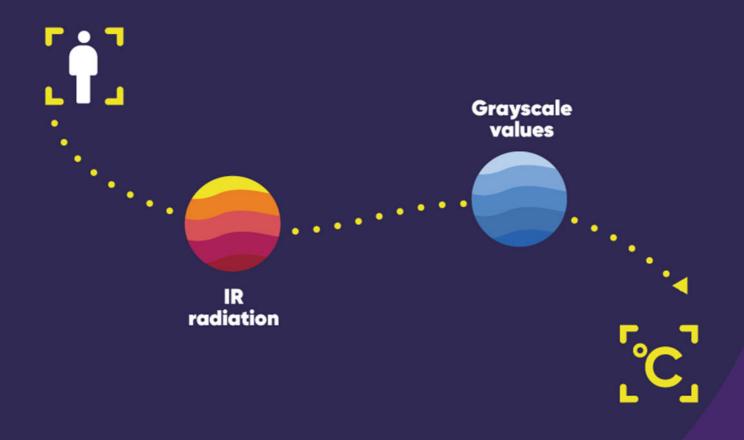


# Hikvision Fever Screening Thermal Solutions

#### SAFER, FASTER, SMARTER

With advanced detectors and algorithms, Hikvision's Fever Screening Thermographic Cameras can detect elevated skin-surface temperatures in moving crowds such as passengers, commuters and shoppers, with accuracy up to  $\pm 0.3^{\circ}$  C.



## High Efficiency One second to detect skin-surface temperature of a person

Increased Safety
Non-contact
measurement
to avoid physical contact

## Fever Screening Solutions

Handheld Camera

- + Tripod
- + iVMS-4200 or Hik-Thermal (Mobile app)

Accuracy: ±0.5° C







With a Wi-Fi module, the TP21B handheld camera can connect to a PC or a smartphone to notify operators when a person with an elevated temperature passes by. It also features a built-in speaker for audio alarms.

**Turret/Bullet Camera** 

- + Tripod/Bracket
- + iVMS-4200
- + Laptop

Accuracy: ±0.5° C







The turret/bullet camera features AI detection to reduce false alarms caused by other heat sources.



#### Turret/Bullet Camera + Blackbody Calibrator

- + Tripod/Bracket
- + iVMS-4200
- + Laptop

Accuracy: ±0.3° C









Compared with Solution (2), Solution (3) is enhanced with a blackbody calibrator to increase the temperature measurement accuracy from  $\pm 0.5^{\circ}$  C to  $\pm 0.3^{\circ}$  C.

Note: Hikvision recommends installing a blackbody calibrator 1.2 meters in front of a thermal camera.

## Features of Solutions

#### **Al Detection**

Focus temperature measurement areas on human bodies to reduce false alarms caused by other heat sources

#### **Advanced Algorithms**

Achieve highly reliable accuracy with Hikvision's proprietary temperature measurement algorithms

#### **Bi-Spectrum Monitoring**

Provide both thermal and optical image channels apart from temperature measurement

#### **Embedded Audio Alarm**

Trigger alarms to notify operators immediately when a person with an elevated body temperature passes by

#### **One-Stop Solution**

Offer an extensive product portfolio including thermographic cameras, NVRs, switches, etc.



### Operation T:

Tips



Install the thermographic camera in a windless indoor environment



Draw a line on the floor to perform screening at a certain distance between the camera and the tested persons

#### Fever Screening **Thermographic Cameras**

Temperature measurement range: 30-45°C

Working temperature: 10-35 C

#### DS-2TD2636B/P



384\*288 thermal resolution

15 mm thermal lens

(Recommended camera-target distance: 4.5-9 m)

6 mm optical lens

DS-2TD2617B/PA



160\*120 thermal resolution

3 / 6 mm thermal lens

(Recommended camera-target distance: 0.8-1.5 m / 1.5-3.0 m)

4 / 6 mm optical lens

DS-2TD1217B/PA



160 \* 120 thermal resolution

3 / 6 mm thermal lens

(Recommended camera-target distance: 0.8-1.5 m / 1.5-3.0 m)

4 / 6 mm optical lens

DS-2TP21B-6AVF/W



160 \* 120 thermal resolution

Max 8 MP optical resolution

6 mm thermal lens

(Recommended camera-target distance: 1.5-3.0 m)

