

Hikvision Temperature Screening Thermal Solutions

SAFER, FASTER, SMARTER



High Efficiency
One second
to detect temperature
in a person

Increased Safety
Non-contact
measurement
to avoid physical contact

Temperature Screening Solutions



1 Handheld Camera

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

Accuracy: $\pm 0.5^{\circ}\text{C}$



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.

2 Turret/Bullet Camera

+ Tripod/Bracket
+ iVMS-4200
+ Laptop

Accuracy: $\pm 0.5^{\circ}\text{C}$



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

3 Turret/Bullet Camera + Blackbody Calibrator

+ Tripod/Bracket
+ iVMS-4200
+ Laptop

Accuracy: $\pm 0.3^{\circ}\text{C}$



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

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

Temperature-Screening Thermal Cameras

Temperature measurement range: 30-45°C

Working temperature: 10-35°C

DS-2TD2636B/P



AI Detection

384*288 thermal resolution

15 mm thermal lens

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

6 mm optical lens

DS-2TD2617B/PA



AI Detection

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



AI Detection

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



Wi-Fi

160*120 thermal resolution

Max 8 MP optical resolution

6 mm thermal lens

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