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Hikvision Fever Screening Thermal Solutions

SAFER, FASTER, SMARTER

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

Fever 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

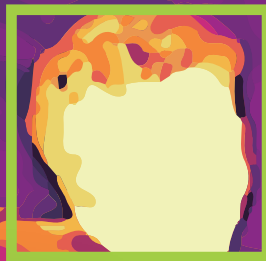
Accuracy: $\pm 0.3^{\circ}\text{C}$



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.

36.5° C

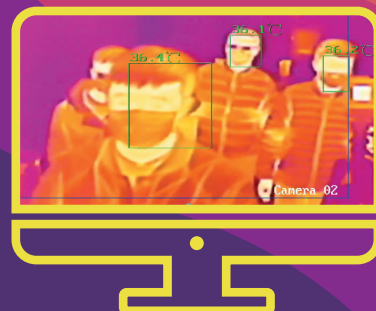


HIKVISION®

High Efficiency

One second
to detect temperature
in a person

Increased Safety Non-contact measurement to avoid physical contact



Fever-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)