

# Elevated Body Temperature Screening Thermographic Cameras

## Elevated Body Temperature Detection

Hikvision's Bullet Thermographic Cameras detect humans for elevated body temperature, and ignore other heat sources in a select area. It can detect and measure up to 30 persons at one time.

## Proprietary Temperature Measurement Algorithm

Hikvision has developed in-camera technology that can support 0.5° C (0.9° F).



## Why Use a Thermal Camera for Elevated Body Temperature Screening?

**Application:** Thermal cameras can help detect elevated body temperature, which may indicate symptoms of a fever.

Potential applications include screening in high-traffic areas such as office buildings, distribution warehouses, manufacturing facilities, public transportation terminals or retail outlets.

### Advantages:

- 1. High Efficiency:** Thermal cameras rapidly detect a person's temperature, which is ideal for quickly screening multiple people in high-traffic areas.
- 2. Safety:** Thermal cameras can screen a person's elevated body temperature from a distance of 8.2 feet to 29.52 feet (2.5 m to 9 m) away--avoiding unnecessary physical contact between the camera operator and person being screened.

## Hikvision's Solutions

### Solution 1

Bullet Camera + Tripod/Bracket + iVMS 4200 + Laptop or NVR + Monitor

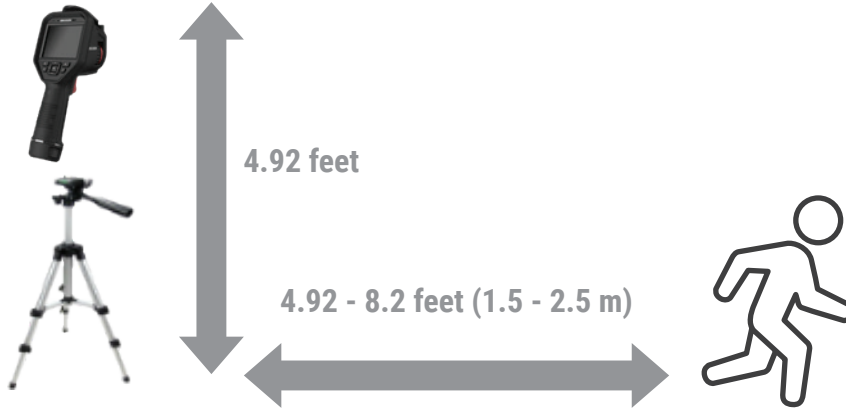


Distance: 8.2 feet to 29.52 feet (2.5 m to 9 m)

\* Camera may be permanently wall-mounted. An optional tripod may be used for temporary setup locations. Tripod adapter mount included.

## Hikvision's Solutions

### **Solution 2** Handheld Camera + Tripod (no adapter is needed)



Handheld Elevated Body Temperature Screening Thermographic Camera (DS-2TP21B 6AVF/W) can achieve accuracy of 0.5° C (0.9° F). It also features an audio alarm with a built-in speaker, and touchscreen. This model does not support human body detection.

## Product Showcase

### **ALL BI-SPECTRUM**



#### **DS-2TD2636B 15/P**

- 384\*288 thermal resolution
- NETD <= 35 mK
- 15 mm thermal lens
- 6 mm optical lens
- Thermal and optical image fusion
- Temperature measurement range: 30° C to 45° C (86° F to 113° F)
- Temperature measurement accuracy: 0.5° C (0.9° F)
- Human body detection
- Distance: 8.2~29.52 feet (2.5~9 m)
- Working temperature: 10° C to 35° C (50° F to 95° F)



#### **DS-2TP21B 6AVF/W**

- 160\*120 thermal resolution
- Max 8 MP optical resolution
- NETD <= 40 mK
- 6 mm thermal lens
- Supports thermal and optical image fusion
- Temperature measurement range: 30° C to 45° C (86° F to 113° F)
- Temperature measurement accuracy: 0.5° C (0.9° F)
- Build in speaker for audio alarms
- Distance: 4.92 ~ 8.2 feet (1.5~2.5 m)
- Working temperature: 10° C to 35° C (50° F to 95° F)

Hikvision's Bullet Thermographic Cameras are designed for immediate detection and preliminary screening of elevated skin-surface temperature in high-traffic areas. When measuring core body temperature, please verify through the use of clinical measurement devices and/or by consulting a medical professional. Hikvision's Bullet Thermographic Cameras must be used in accordance with local laws and regulations.

Hikvision's Bullet Thermographic Cameras must be used in accordance with local laws and regulations. Please note, this item is available for use in Canada only at this time. It is not available yet for use in the U.S. market. To learn more or to purchase, please contact your local Hikvision Canada sales representative.