



EARLY WARNING TEMPERATURE DETECTION THERMAL SOLUTIONS

Holistic service offering. Tailored solution. Expert delivery.

Gain control with Thorburn's state-of-the-art thermal detection cameras and mitigate health risks in your environment.

THE CHALLENGE

The 21st Century runs at a frenetic pace. The reality of a dense, fast-moving population is that it creates an even faster way for disease to spread. Thorburn Security Solutions has an innovative new product to enhance preventative measures through the use of temperature detection cameras, which scan and identify elevated body temperature.

THE SOLUTION

The temperature of any person or object above absolute zero emits a small amount of infra-red (IR) radiation. The higher the temperature, the higher the intensity of IR emitted. By comparing the differences in IR intensity between objects or people, thermal cameras can make invisible IR 'visible' through the use of heat-zone imagery. Thorburn Security Solutions with Hikvision thermal cameras guarantee levels of situational awareness across security, thermography and commercial vision. The application of temperature detection cameras are invaluable in public areas such as airports, ports, hospitals and schools for early detection.

THE BENEFITS

- Advanced detector to issue early warning at point of contact
- Proprietary imaging effects and long-distance detection

1. 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.

2. 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.

3. 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 ± 0.5 °C to ± 0.3 °C.



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a TSEBO solution

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