Hikvision Fever Screening Thermal Cameras

**Thermal Principle**

Data inputs into the thermal camera, which then processes the data to convert the temperature into a visual representation.

**Features**

- AI Human Body Detection
- Supports AI human body detection
- NetD <= 15
- High Efficiency: Temperature measurement range: 30-35℃
- Safety:
  - Supports audio alarms
  - Supports thermal and optical image fusion
  - Supports AI human body detection

**Applications**

Thermal cameras are used in various applications, including fever screening, security, and surveillance, to detect and track individuals based on their body temperature.

**Advantages**

- High accuracy: 95% accuracy in fever screening, ensuring reliable detection and tracking of fever suspects.
- Efficiency: Increased efficiency in fever detection, reducing the need for manual checks.
- Safety:
  - Supports audio alarms
  - Supports thermal and optical image fusion

**How does a thermal camera perform fever screening?**

- Fever screening technology is based on the detection of elevated body temperatures, which may indicate the presence of fever. Thermal cameras use advanced algorithms to analyze the temperature patterns and detect fever suspects.

**Hikvision's Fever Screening Thermal Cameras**

- **TP21B**
  - Max 8 MP optical resolution
  - 160*120 thermal resolution
  - 45℃±0.3℃ with blackbody
  - 45℃±0.5℃ without blackbody
  - Supporting temperature range: 30℃-35℃
  - Temperature accuracy: NETD <= 40 mK
  - Support for one 4/6 mm optical lens or two 3/6 mm thermal lenses (recommended)

**Tips for Installation**

- The blackbody calibrator is recommended to be installed 1.2 meters in front of the thermal camera.

**Data Input and Output**

- Data input includes temperature patterns and visual representations.
- Data output includes visual alerts and feedback.

**Product Showcase**

- Fever screening thermal cameras are showcased in various applications, including hospitals, airports, and public spaces.

**Why Choose Hikvision’s Fever Screening Thermal Cameras?**

- Fever screening technology is based on the detection of elevated body temperatures, which may indicate the presence of fever. Thermal cameras use advanced algorithms to analyze the temperature patterns and detect fever suspects.

**Conclusion**

Hikvision's Fever Screening Thermal Cameras are designed to detect and track individuals based on their body temperature, ensuring reliable and efficient fever detection in various applications.