

## AI FEVER SCREENING SOLUTION

### Safer, Faster, Smarter

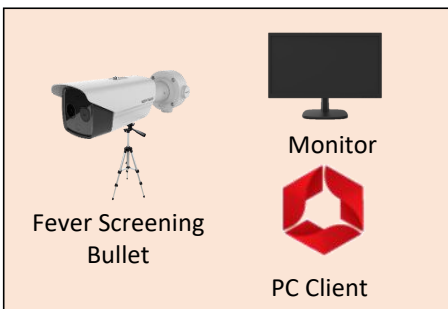
With advanced detectors and algorithms, Fever Screening Thermal Cameras can detect elevated body temperatures in moving crowds, with accuracy up to  $\pm 0.3^{\circ}\text{C}$ .

#### Solution 1



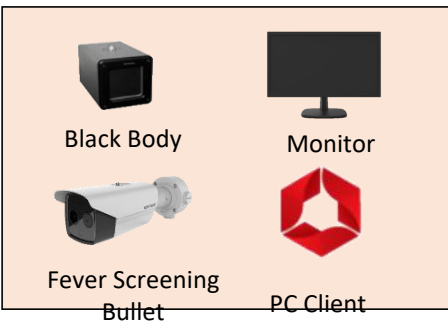
- Thermal resolution:  $160 \times 120$
- Optical resolution: Max 8 MP
- Accuracy:  $\pm 0.5^{\circ}\text{C}$
- 3.5" LCD touch screen
- Supports **Wi-Fi hotspot**, automatic screenshots of a person with a fever & uploading to the Mobile Client (Hik-Thermal) as evidence
- Supports real-time **audio alarm**

#### Solution 2



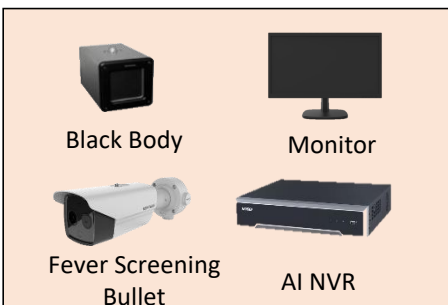
- Thermal resolution:  $160 \times 120 / 384 \times 288$
- Optical resolution:  $2688 \times 1520$
- Simultaneous fever screening for **multiple persons (up to 30 persons)**
- Accuracy:  $\pm 0.5^{\circ}\text{C}$
- Measurement range:  $30-45^{\circ}\text{C}$
- **AI human body detection** reduce the false alarms of fever screening

#### Solution 3



- Thermal resolution:  $160 \times 120 / 384 \times 288$
- Optical:  $2688 \times 1520$
- Simultaneous fever screening for **multiple persons (up to 30 persons)**
- Accuracy:  $\pm 0.3^{\circ}\text{C}$
- Measurement range:  $30-45^{\circ}\text{C}$
- **AI human body detection** reduce the false alarms of fever screening

#### Solution 4



- Thermal resolution:  $160 \times 120 / 384 \times 288$
- Optical resolution:  $2688 \times 1520$
- Simultaneous fever screening for **multiple persons (up to 30 persons)**
- Accuracy:  $\pm 0.3^{\circ}\text{C}$
- **AI human body detection & Mask detection**
- **Visualized GUI: display total number, abnormal temperature, no mask, normal temperature**

#### Solution 5



- Thermal resolution:  $160 \times 120$
- Optical resolution:  $2688 \times 1520$
- Simultaneous fever screening for **multiple persons (up to 30 persons)**
- Accuracy:  $\pm 0.5^{\circ}\text{C}$
- **AI human body detection**
- Metal detecting: indicating location of metal
- **LCD display: real-time display of statistics and body temperature**

#### Solution 6



- 7-inch touch screen
- Face capacity: 50,000
- Card capacity: 50,000
- Temperature accuracy:  $\pm 0.5^{\circ}\text{C}$
- **Fast temperature measurement and face/card recognition with fever screening.**
- **Face mask wearing alert and forced mask wearing alert**