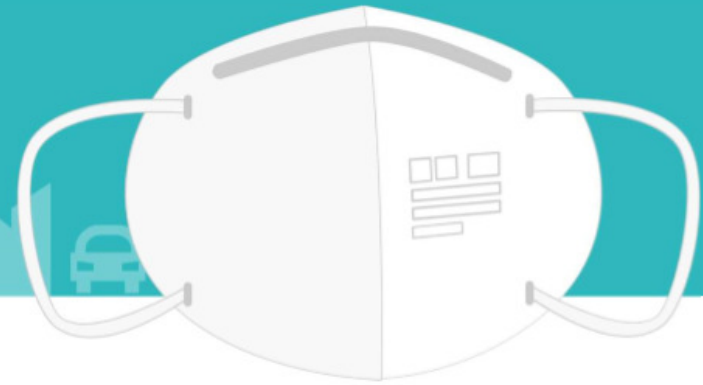


Fever screening thermal Solutions and products



Why Thermographic ?



It is well-known that one major symptom of virus infections is fever. Therefore, thermal camera with **high temperature accuracy** can **detect the elevated body temperature to make the preliminary screening**. Thermal cameras are advisable to be installed at the places with long queues such as passport control.



Hikvision Thermographic Fever Screening Solutions are using well design for fever screening camera. They are capable to discover and track people with higher body temperature among the crowded public areas. It supports you on :

1. **Accuracy** : It is able to measure object's temperature at a high accuracy in real time $\pm 0.3^{\circ}\text{C}$ temperature accuracy with external blackbody temperature calibration.
2. **High Efficiency**: It takes only one second that thermal camera can detect temperature of each person. Thus, no congestion will be made when passing through the site where temperature needs to check.
3. **Safety**: Thermal camera supports non-contact temperature measurement which can achieve accurately measuring temperature around 1 meter away. That reduces the risk of infection coming from physical contact.



Hikvision Thermographic Fever Screening Solution Advantages

AI Face detection

Hikvision thermographic fever screening **Bullet/Turret cameras** provide AI Face Detection function, locate multi faces intelligently and measure the faces only , to **reduce false alarm** from other heat sources.

Onboard Audio Alarm

Hikvision thermographic fever screening **Bullet/Turret cameras** are able to do onboard audio alarm, notice the operator without the requirement of other sirens , **reduce the complexity** of whole solution.



Unique Self-developed Algorithm

Hikvision thermographic fever screening products are embedded with **self-developed algorithm**, which specially optimized for temperature measurement thermography.

Combined **constant temperature/dust-free automated manufacturing process with big data**, Hikvision could **ensure the accuracy** of thermal cameras

Full solution

As the world's leading security solution provider, Hikvision are able to provide **full one-stop solution** include thermography , NVR , barriers, detector door, switch. More convenient for customer and user

Solution 1 : Thermographic Handheld Camera



Solution composition:

Thermographic handheld camera + Tripod (Optional)

Distance : 1m

Speed : Real time

Display: Thermal image

Efficiency: 60 persons / minute

Information preservation: Screenshot

Solution Advantages:

- Flexible and simple to use
- Rapid setting up and adapt to sudden event
- Accuracy is ± 0.5 degree
- Higher efficiency, suitable for flow of fast moving crowded.
- Able to preserve the screenshot



Solution 2 : Thermographic Fever Screening Camera



Real Time
VMS Monitor

Solution composition:

Thermographic fever screening bullet / turret
+ Tripod + Tripod adaptor + VMS(4200)

Distance : 1-1.5m

Speed : Real time

Display: Thermal & Optical image

Efficiency: 60 persons / minute

Information preservation: Screenshot



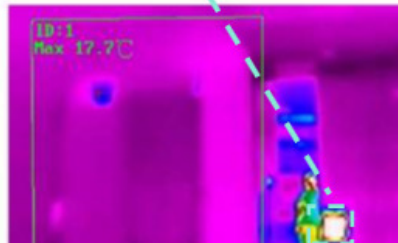
Solution Advantages:

- Rapid setting up and adapt to sudden event
- Accuracy is ± 0.5 degree
- Support AI face detection, multiple targets screening
- Higher efficiency, suitable for flow of fast moving crowded.
- Onboard Audio Alarm

Solution 3 : Thermographic Fever Screening Camera with BlackBody



BlackBody



Solution composition:

Thermographic fever screening bullet / turret
+ Tripod + Tripod adaptor + VMS(4200) + BlackBody

Distance : 1-1.5m

Speed : Real time

Display: Thermal & Optical image

Efficiency: 60 persons / minute

Information preservation: Screenshot

Solution Advantages:

- Flexible and simple to use
- Rapid setting up and adapt to sudden event
- Accuracy is **± 0.3 degree**
- Support AI face detection, multiple targets screening
- Higher efficiency, suitable for flow of fast moving crowded.
- Onboard Audio Alarm

Applications



Again, the solution is work stable at indoor and NOT recommend to work in outdoor. You may use a tent to simulate stable indoor air flow environment if outdoor usage is a must.

For more details on solution or demo, please contact Raymond Chan in rchan@milestone-system.com or at 93371101