

Safeguard staff and customer health with Thermal Screening solutions.

HIKVISION

BCX

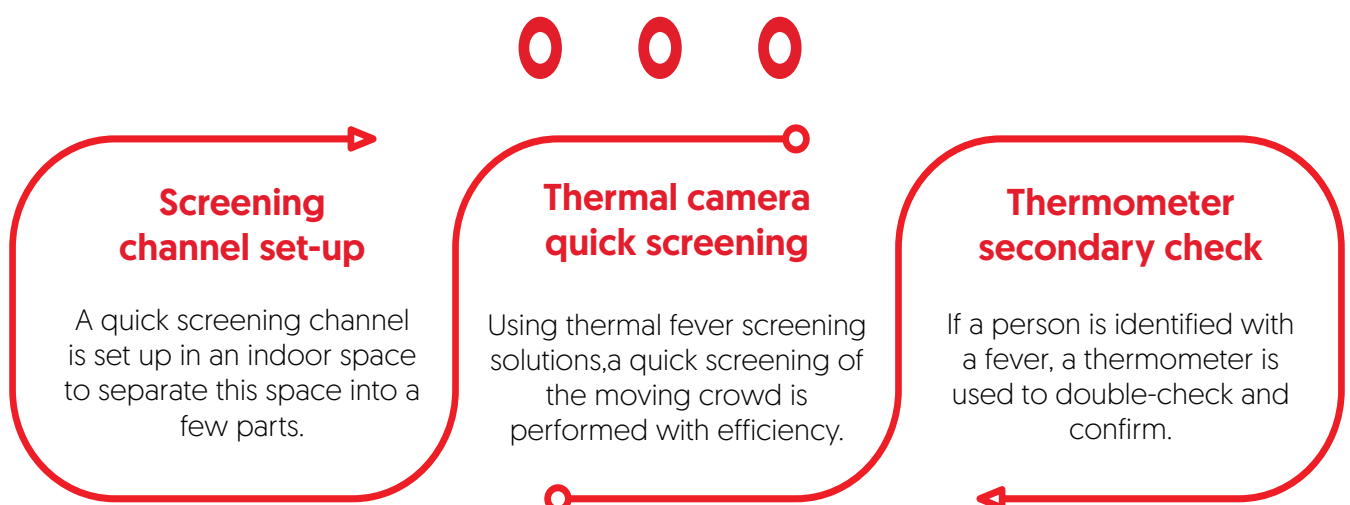
[www.bcx.co.za](http://www.bcx.co.za)

Advanced, first-line detection systems to protect your employees and customers

Thermal Screening is a solution designed for the detection of skin surface temperatures. Thermal cameras with high-temperature accuracy assisted by advanced applications can help detect elevated body temperatures which may indicate the presence of a fever. These can be used for the fever screening of travellers, shoppers, and office workers.



## The Thermal Screening Process:



## FEATURES AND BENEFITS

Thermal Screening Cameras and Applications

### AI Human Body detection

Hikvision Bullet/Turret Fever Screening Thermographic Cameras feature AI human body detection to fix the measurement areas to human bodies, thus reducing false alarms caused by other heat sources.

### Unique self-developed algorithm

Benefitting from Hikvision's self-developed temperature measurement algorithm and big data obtained by lots of cases, the accuracy of temperature measurement is highly reliable.

### Embedded audio alarms

With a built-in audio module, Hikvision Bullet/Turret Fever Screening Thermographic Cameras can trigger alarms to notify operators immediately when a person with a fever passes by.

### One-stop solution

As a world's leading security solution provider, Hikvision offers a rich product portfolio including thermographic cameras, NVR, switches, etc., which is easier for clients to set up a complete and professional solution.



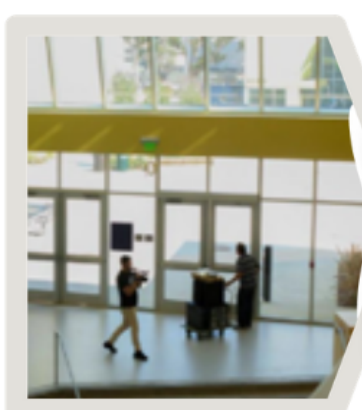
# How to ensure safety in public areas?

**School building**  
Entrance of college

**Office Building**  
Entrance of office building

**Airport**  
Security Check at Airport

**Retail**  
Entrance of supermarket

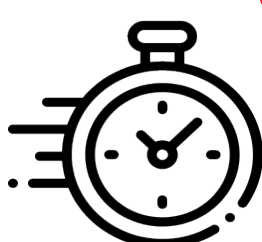


## Hikvision Offers a Better Approach



Safer

Non - contact measurement to avoid physical contact



Faster

One second per person for skin-surface temperature detection



Smarter

AI detection, greatly reducing false alarms

## How effective are thermal scanners in detecting people infected with the new Coronavirus?



Thermal scanners are effective in detecting people who have developed a fever (i.e. have a higher than normal body temperature) because of infection with the new corona virus.



However, they cannot detect people who are infected but are not yet sick with fever, this is because it takes between 2 to 10 days before people who are infected become sick and develop a fever.



## Thermal (Mobile app) Solution Advantages

- Thermographic handheld camera supports Wi-Fi, can integrate with a PC/ Mobile, and supports real-time audio alarm and automatic uploading of screen captures
- Touch screen to ensure user experience
- Supports flexible temperature measurement areas
- Accuracy is  $\pm 0.5^{\circ}\text{C}$ , satisfy preliminary fever screening requirements



Contact us on [ITSS2@bcx.co.za](mailto:ITSS2@bcx.co.za) or your BCX Account Manager for Temperature Screening Solutions.