

FEVER SCREENING THERMAL SOLUTIONS

Use CCTV & Access Control to instantly detect elevated skin-surface temperatures of employees, tenants, moving crowds, commuters, shoppers or passengers entering your premises with an accuracy of up to $\pm 0.3^{\circ}\text{C}$.



NON-CONTACT

Alarm triggers automatically when person with fever passes by.
Access Control runs on facial recognition.

HIGH ACCURACY

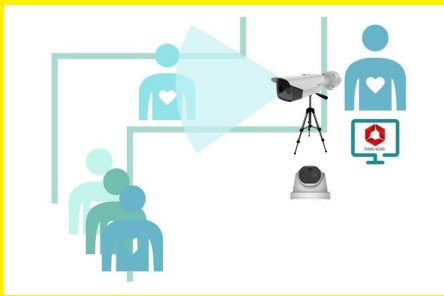
Up-to $\pm 0.3^{\circ}\text{C}$.
Uses AI human body algorithm.
CCTV can detect multiple people at once.

SECURE

Access Control will only let in recognised faces that do not have elevated temperature.

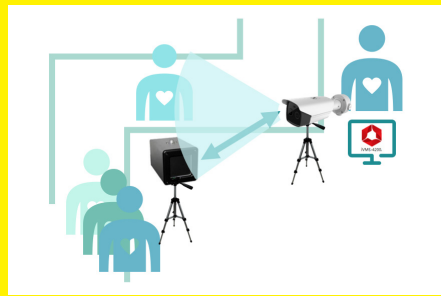
1 SECOND MEASUREMENT

to detect the skin-surface temperature of a person.
Can also detect and restrict entry of those not wearing face masks.



TURRET/BULLET CAMERA

- iVMS-4200 + Laptop + Tripod/Bracket.
- Accuracy: $\pm 0.5^{\circ}\text{C}$.
- AI detection to reduce false alarms caused by other heat sources.



TURRET/BULLET CAMERA & BLACKBODY CALIBRATOR

- iVMS-4200 + Laptop + Tripod/Bracket.
- Accuracy: $\pm 0.3^{\circ}\text{C}$.
- Blackbody calibrator increases the accuracy from $\pm 0.5^{\circ}\text{C}$ to $\pm 0.3^{\circ}\text{C}$.



HANDHELD CAMERA

- iVMS-4200 or smartphone application + Tripod.
- Accuracy: $\pm 0.5^{\circ}\text{C}$.
- With a Wi-Fi module, the handheld camera can connect to a PC or smartphone.
- Built-in speaker for audio alarm.



WALL-MOUNTING TOUCH-FREE TEMPERATURE SCREENING TERMINAL

- LCD touch screen.
- Accuracy: $\pm 0.5^{\circ}\text{C}$.
- Temperature screening of forehead with visual results and audio prompt.
- Recognition distance: 0.5m - 1.5m, height: 1.2m - 1.9m.
- Thermographic technology.

0845 999 3222 sales@logicfireandsecurity.com
www.logicfireandsecurity.com/feverscreening

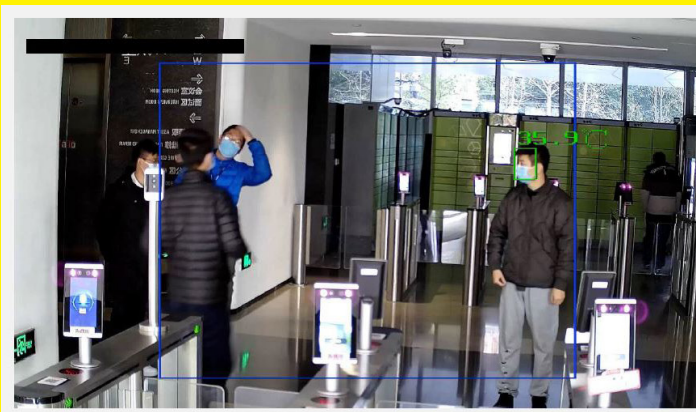
logic
Fire and Security

HOW DO FEVER SCREENING CAMERAS WORK?

Thermal cameras can help detect elevated body temperatures which may indicate the presence of a fever by converting the IR radiation emitted from a person into greyscale values and matching this to temperature values through an algorithm model.



- Best used in an indoor environment with no wind, sufficient lighting and a constant temperature.
- The camera should be positioned to capture the full faces of passing persons, at a height between 1.5m and 1.7m.
- To maximise results, a single file, one direction path should be deployed leading up to the camera.
- Multiple body temperatures can be detected at the same time - wearing a face mask does not affect this.



HOW DOES FEVER SCREENING ACCESS CONTROL WORK?



Rather than having to press buttons or a screen to open a door, facial recognition can be used for touch-free access.

Temperature measurement can detect elevated skin-surface temperatures and restrict access even if they are recognised to ensure the safety of others.

Mask detection can be enabled to instantly detect when a face mask is not being worn and restrict access.

0845 999 3222 sales@logicfireandsecurity.com

www.logicfireandsecurity.com/feverscreening

logic
Fire and Security

*Information provided is specific to certain equipment being used. The fever screening thermographic cameras are designed for the detection of skin-surface temperatures so as to achieve rapid preliminary screening in public areas. Actual core body temperatures should be further confirmed using clinical measurement devices. Under any circumstances, it is highly recommended to use thermographic cameras in accordance with local laws and regulations.