



BODY TEMPERATURE CONTROL

Our fever detection system based on thermal imaging has been developed in response to the global health crisis COVID-19 to help mitigate its impact by reducing the number of infections due to early detection.

Key features

- **Thermal camera:** A high precision infrared camera based on a high sensitivity uncooled detector.
- **Temperature reference device:** This device provides a temperature reference, controlled by a PID, to calibrate the camera in real time to achieve the best accuracy in each measurement.
- **Control and display PC:** with the software application installed.
- **Conectivity:** The system can be integrated to operate in conjunction with third-party control systems such as access control systems.

Helping you to reinforce the Covid-19 rules & regulations

The thermal camera is compliant with IEC 8061-2-59;2019 which certifies the taking of temperature in humans and allows the automatic monitoring, detection and warning of people with an abnormal body temperature.

This monitoring tool allows automatic detection and alert of any person who has an abnormal body temperature. If this alert is activated, the doors or the access control can react according to the programmed actions at the customer's request.

The temperature is measured in the region adjacent to the lacrimal of each eye, because it is the visible area that has the most stable temperature as it's always humidified. The temperature of each subject is analysed and compared with the threshold specified above. If the subject's temperature is above the threshold, an alarm is generated.



The solution consists of 3 main elements: the thermal camera, the temperature reference device and the control computer (not included) and the visualisation software. All this provides a high reliability due to the real-time closed-loop calibration.

THE BODY TEMPERATURE CONTROL SYSTEM FROM JLC

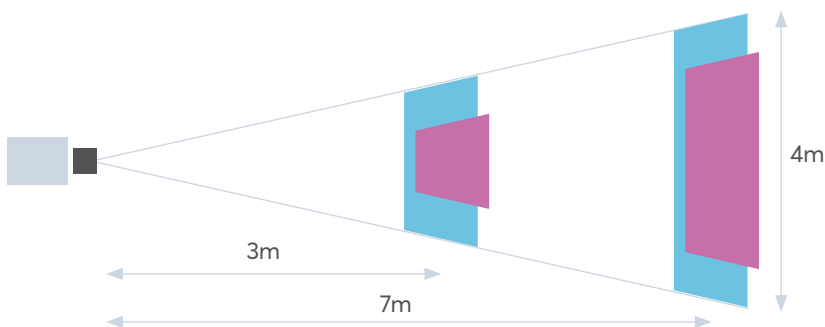
In partnership with Manusa, JLC wants to improve your customer experience whilst helping to reinforce the Covid-19 rules and regulations, making sure that you stay safe during these unsettling times.

The components

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Connectivity

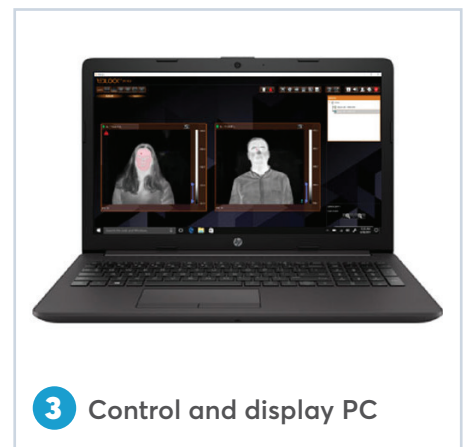
The Body Temperature Control system can be set up so that several thermal cameras are connected to a computer. It can then be integrated with third-party control systems such as access control systems for an additional level of security and full integration.



1 Thermal camera



2 Temperature reference device



3 Control and display PC



If you would like more information about this product or any other of our products and services please call or email us at +44 (0)1293 567929 / sales@jlc-group.co.uk

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