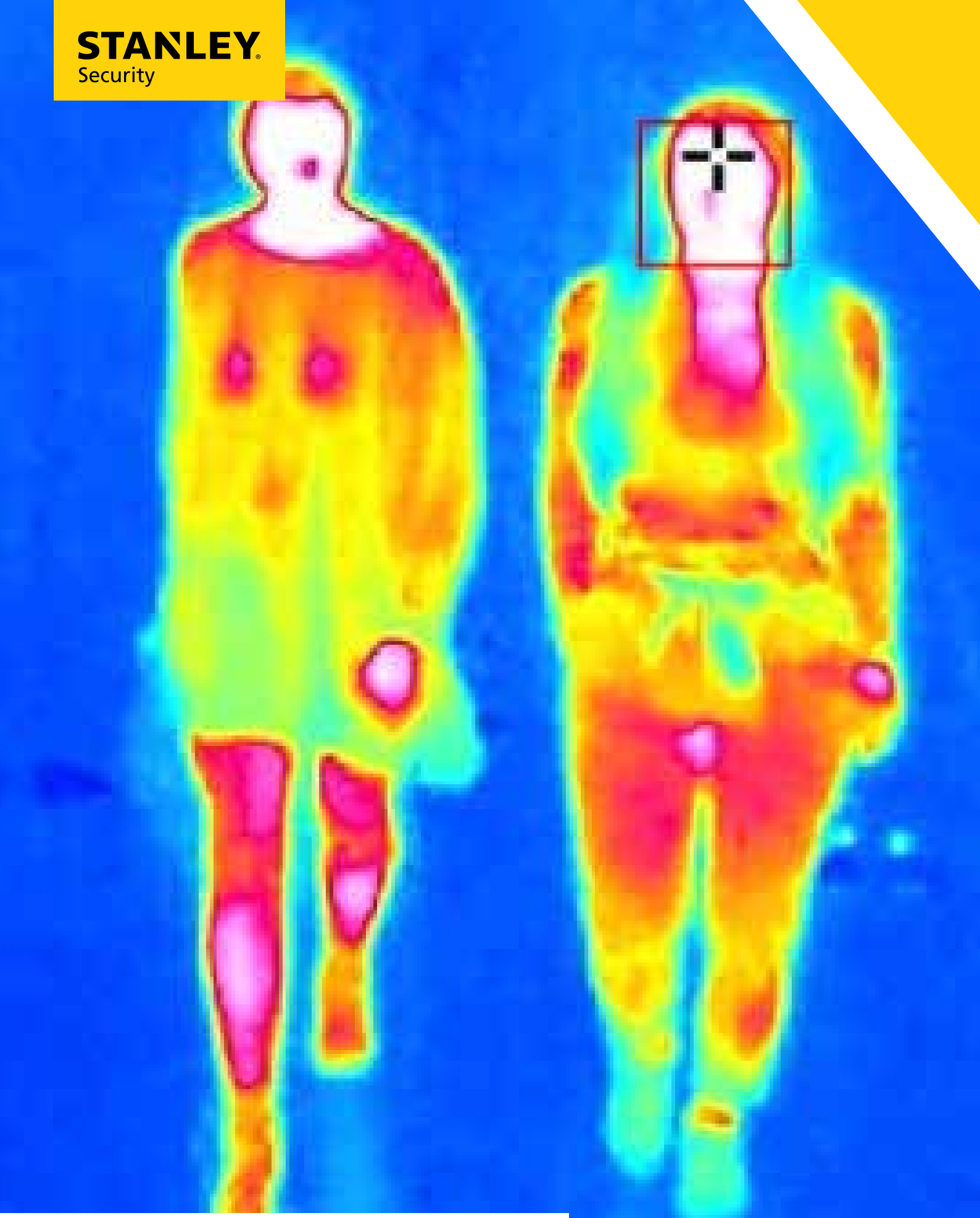
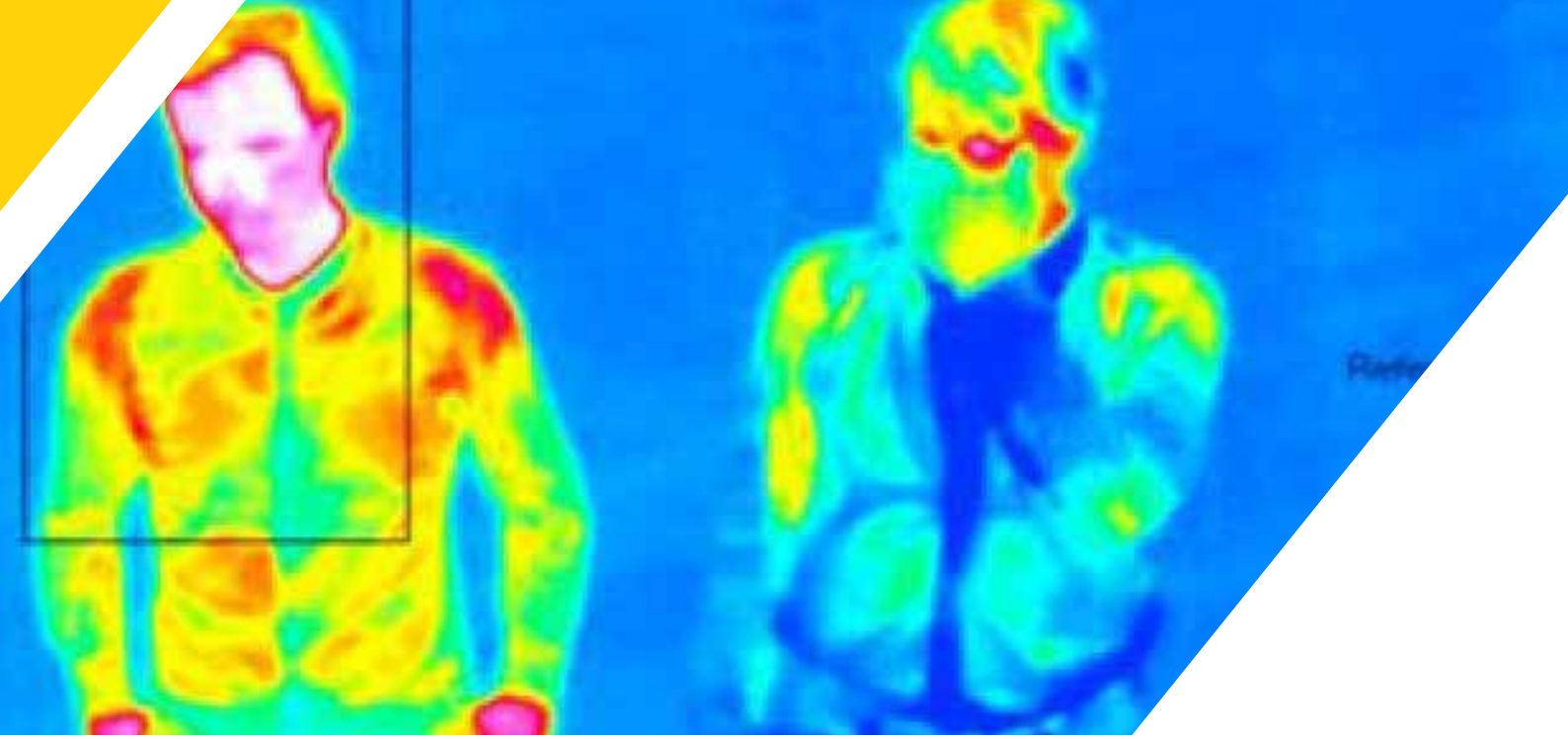
STANLEY
Security



Thermal Imaging Cameras

Enhancing Workplace Safety



Thermal Imaging Cameras

Thermal imaging camera sales have seen a dramatic rise worldwide as governments and organisations look for effective means of raised temperature detection.

However, these cameras are not medical devices and cannot diagnose a particular condition such as a virus. What they can do is identify elevated body temperature, and that's where they can add value to an organisation's overall plan for improved workplace security.

How does a thermal camera work?

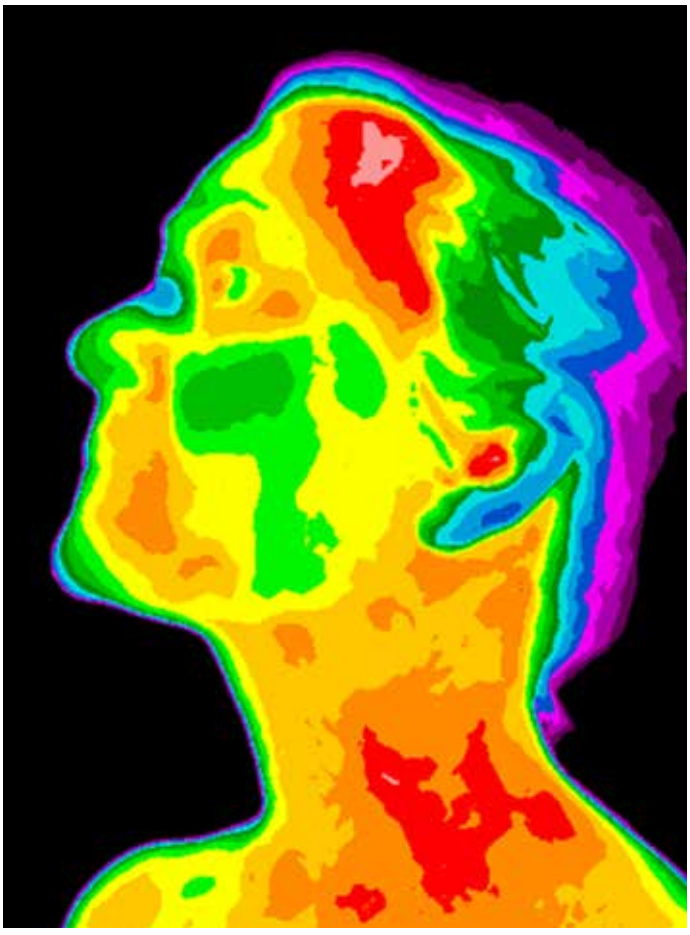
Thermal imaging cameras are designed to detect and measure the invisible infrared radiation emanating from objects, frequently referred to as a 'heat signature'. The hotter an object is, the more radiation it releases.

The thermal camera sensor array will detect infrared frequencies, converting the data to electronic signals which can then be viewed as coloured images, that vary with the level of heat being emitted. Some systems incorporate a regular camera lens as well as the thermal camera and overlay the real image with thermal information.

Designed and calibrated to deliver accurate temperature measurements while enabling social distancing protocols, a fixed reference heat source (often referred to as a black body) is used to ensure that accurate readings are being achieved.

Measuring temperature

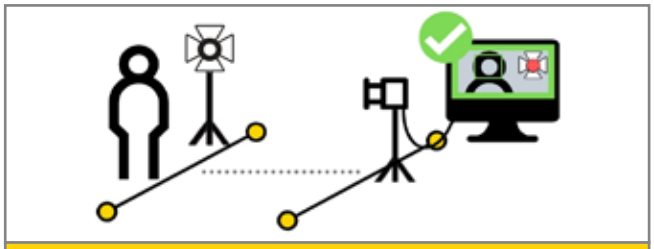
Unlike temperature monitoring in industrial applications, a black body heat source allows for a more accurate measurement, comparing a known temperature value to the temperature of the target individual.



THERMAL CAMERAS IN THE WORKPLACE

Easy to set up

We offer a range of solutions to suit your business needs, whether for "stop and scan" temperature readings or "walk through" solutions. All are easy-to-install and easy-to-use and can be up and running in minutes, installed in lobbies, hallways and other key access points to help businesses, institutions and venues provide a safer environment for staff, customers and visitors.



Stop and Scan: Fixed heat source (black body) and target are set 5 feet from camera. The black body is included in the thermal image for increased system accuracy.

Features and Benefits

Detects elevated temperature

Precise temperature measurement with a fixed heat source to maximize accuracy.

Fast, automated screening

In seconds, the system detects a face, finds the most reliable spot to measure and displays a pass/fail alert.

Enables social distancing

Give the same performance as a temporal thermometer, while maintaining safe social distance.

Cost effective solutions

A range of prices and solutions are available to meet your particular requirements.

Where to use?

Thermal imaging solutions are suitable for use in a variety of locations and can be configured to connect to a mains power outlet, or as a standalone self-contained unit with a rechargeable battery pack.

- **Warehouses**
- **Hotels**
  Restaurants
- **Hospitals**
  Care Homes
- **Airports**
- **Educational facilities**
  (schools, colleges, universities)
- **Retail**

What's included?

Your thermal camera system will be configured to include all of the elements needed to ensure you can get your system up and running as quickly as possible including: cameras, mounting stands and brackets, reference heat source, UPS power source (if specified), plus software and monitors or PCs if required.

Next Steps

If you have any questions or would like to discuss how best to implement thermal cameras into your existing security and safety processes, please get in touch with your STANLEY Security representative.

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Frequently asked questions

Q: Do these systems detect the presence of Covid-19?
A: No, the solution has been designed to identify subjects displaying a body temperature outside the normal range, allowing the subject to be selected for medical screening.

Q: Do the systems require mains power?
A: STANLEY Security offers solutions with options including a "Standalone" self-contained podium-based unit that can be rapidly deployed in a location without access to mains power.

Q: In standalone mode, for how long can the system be operated between recharge?
A: Essentially up to 24 hours dependant on model and usage.

Q: Is the system operator at risk?
A: These solutions allow for non-contact temperature measurement at distance; the system operator does not need to be in the same environment as the subject. Our solutions also provide options for remote communication using speakers and a microphone.

Q: Can these systems be deployed outdoors?
A: No, to operate effectively these systems are ideally deployed in a location with near constant ambient temperature and minimal airflow to ensure accuracy.

Q: Can systems be integrated into our existing CCTV system?
A: Yes, however, a survey will be required to ascertain what, if any, additional components may be required to facilitate integration.

Q: How is the subject notified if the operator is remote?
A: All our solutions have options for communication such as automated voice messaging, local alarms, secret sign activation etc.

Q: Can thermal cameras be integrated to our Access Control system to prevent entry?
A: Yes, thermal solutions can be integrated into a wide variety of third party-system, including Access Control, Speed Gates etc. (site survey required)

Q: If multiple subjects are in the field of view, how do I identify the correct subject?
A: Solutions will typically feature both thermal sensors and a visible light camera, allowing the operator to cross reference the thermal image with a CCTV image to select the correct subject.

Contact us

Tel – **0161 406 3445** Email – **salessupportuk@sbdinc.com**
Website – **www.stanleysecurity.co.uk**

STANLEY Security Solutions Limited. Registered in England and Wales No. 181585
Registered Office: Stanley House Bramble Road Swindon Wiltshire SN2 8ER VAT No. 232 2446 95