



Fever Screening Thermal Camera Solutions



Protect the Health and Safety of your Workplace

As a result of the Covid-19 outbreak across the world, many UK businesses are utilising thermal imaging to maintain and safeguard business operations, allowing for greater health security and initial detection before issues occur.

Any object with a temperature above absolute zero emits a detectable amount of infra-red (IR) radiation. The higher an object's temperature, the higher intensity of emitted IR. Taking advantage of the differences in IR intensity between objects, thermal cameras make the invisible IR "visible" in the form of heat zone images.



Taking the heat out of a Crisis

Detecting any security threats early is the best way to prevent the spread of Covid-19.

Thermal imaging used to detect elevated body temperatures is one measure that can be applied in the early detection of health problems and allows suspected carriers to be assessed for further screening before any potential spread can occur.



Need some advice?

Sales

0800 464 0284

Services & Support

0800 008 6038





The Advantages of Thermal Imaging

Thermal imaging is used for temperature screening and detection for many reasons. Often thermal screening is set up at border points such as airports and in public places, however this is now at the forefront of many businesses and schools minds with the threat of Covid-19. If traditional thermometer methods were used on every single person, others would incur major delays. Thermal Imaging cameras can solve this problem as they can be set-up to scan a large number of people at one time.

It is also important to note when using a conventional thermometer, the readings are at a single point, but a thermal image uses 1000's of temperature readings to build up a 2-dimensional picture of the face of the person. This allows for improved screening and more accurate temperature readings over other methods.

1

People Flow Control

Our systems are designed to monitor how many people are entering and leaving a specific area.

Our cameras use advanced AI technology to track and monitor the continuous flow of people, with our thermal imaging software being effectively calibrated to allow you to limit the number of occupants in your facility, as well keeping an up to date track of the flow of the people entering and exiting. The system can be set to your specific restrictions, allowing you to choose the maximum occupants and the entrance you wish to monitor.

2

Safer Detection Method

One of the key indicators for detecting COVID-19 is elevated body temperature and early detection can be key to reducing the risk of spread, especially in environments where there is a large workforce or high foot traffic.

Considering social distancing measures, taking the temperature of individuals with traditional methods can be a major risk. Thermal imaging can scan multiple individuals simultaneously at a safe distance without the need for operators to come into contact or get close to customers and employees.

3

Speed and Accuracy

Using advanced thermal imaging, cameras use face temperature to make accurate temperature measurements.

With amazingly fast response times and the capacity to measure multiple people at once, consequently easing the need to slow traffic through a detection area.



Our Thermal Imaging Camera Solutions

Detect high body temperatures using intelligent thermal imaging cameras, accurate to 0.3°C. With no need for human contact to capture data, you can ensure you maintain social distancing.



Short Range Thermographic Turret Body Temperature Measurement Camera

Hikvision DS-2TD1217B Thermographic Turret Body Temperature Measurement Camera is able to measure object's temperature at a high accuracy in real time.

It is capable to discover and track people with higher body temperature among the crowded public area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine.



Key Features

- 160 × 120 resolution in thermal channel, high sensitivity sensor.
- Temperature range: 30°C to 45°C; temperature accuracy: $\pm 0.5^{\circ}\text{C}$
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Audio alarm



Our Thermal Imaging Camera Solutions



Mid Range Thermographic Bullet Body Temperature Measurement Camera

Hikvision DS-2TD2617B Thermographic Bullet Body Temperature Measurement Camera is able to measure object's temperature at a high accuracy in real time.

It is capable to discover and track people with higher body temperature among the crowded public area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine.



Key Features

- 160 × 120 resolution in thermal channel, high sensitivity sensor.
- Temperature range: 30°C to 45°C; temperature accuracy: $\pm 0.5^{\circ}\text{C}$
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Audio alarm



Need some advice?

Sales
0800 464 0284
Services & Support
0800 008 6038

Our Thermal Imaging Camera Solutions



Long Range Thermographic Bullet Body Temperature Measurement Camera

Hikvision DS-2TD2636B Thermographic Bullet Body Temperature Measurement Camera is able to measure object's temperature at a high accuracy in real time.

It is capable to discover and track people with higher body temperature among the crowded public area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine.



Key Features

- 384 × 288 high resolution in thermal channel, high sensitivity sensor
- Temperature range: 30°C to 45°C; temperature accuracy: $\pm 0.5^{\circ}\text{C}$
- Reliable temperature exception alarm function
- 4MP resolution in optical channel
- 3D DNR, image detail enhancement



Need some advice?

Sales
0800 464 0284
Services & Support
0800 008 6038

Our Thermal Imaging Camera Solutions



Access Control Face Recognition Terminal

The revolutionary DS-K1T671TM-3XF access control face recognition terminal integrates rapid thermal imaging-based temperature screening functionality.

It quickly measures an individual's skin-surface temperature, creating an alert if that falls outside of a pre-configured range. Ideal for use in applications including workplaces, medical facilities, train stations and airports, schools, residential settings and more.



Key Features

- Supports Vanadium Oxide uncooled sensor to measure target's temperature
- Temperature measurement range: 30 °C to 45 °C (86 °F to 113 °F), accuracy: ± 0.5 °C without black body calibration
- Recognition distance: 0.5 to 1.5 m
- Fast temperature measurement mode: Detects face and takes skin-surface temperature without identity authentication.
- Multiple authentication modes are available: card and temperature, face and temperature, card and face and temperature, etc.
- Face mask alert (warning)
- If the presented face is not wearing a mask, the device will sound a voice reminder, but is configured so that authentication or attendance is valid.
- Forced mask alert (denial)
- If the presented face is not wearing a mask, the device will sound a voice reminder, and is configured so that authentication or attendance is denied.
- Displays temperature measurement results on the authentication page
- Triggers voice prompt when detecting abnormal temperature

Our Thermal Imaging Camera Solutions



Temperature Measurement Walk-Through Detector

ISD-SMG318LT-F walk-through metal detector, adopting the thermal imagery technology, realizes non- contact temperature measurement. Face detection function of the camera makes an accurate positioning of the measurement.

The detector also supports metal detection. It is suitable for safety inspection of dangerous goods and is widely used in public occasions and important places, etc.

It is recommended to be used indoor with a windless environment.



Key Features

- Non-contact temperature measurement: face temperature measurement with accurately personnel matching. Temperature 0.5 , detection distance: 0.5 to 1.5 m, target height: 1.45 m to 1.85 m
- Temperature filtering: adjustable temperature threshold. An over-threshold temperature will trigger the audible strobe light
- Counting display: displays the walk-through people number, metal alarm times, real time temperature, number of people in abnormal temperature
- Metal detection: metal likes a clip
- Multi-Area alarm: Indicates the metal position on the body. Max. 18 areas
- Modularized component: easy transmission and installation
- Temperature exception detection
- Linkage for audible alarm
- Linkage of white strobe light alarm
- Thermal Imaging Functions:
- Uncooled sensor, resolution: 160 x 120
- Supports AGC4.0, DDE, and 3DNR
- Supports dual-light fusion image
- Supports visible light and thermal imaging frame over lay



www.midshiretelecom.co.uk

Head Office: Midshire House, Doranda Way, West Bromwich, B71 4LT
T: 0800 464 0284 | E: support@midshiretelecom.co.uk

