



SHIELDWORKS



CONTACTLESS THERMAL IMAGING SCANNER

THERMO 1

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Thermo1 is an advanced, contactless facial thermometer designed for temperature screening within the workplace. It detects pre-registered faces, making sure only known and authorised individuals can enter the building and keeps track of the time and date of employees as they sign in and out of the building.

Thermo 1 can reduce the risk of contracting a virus within the building by identifying infection at source and gives employees confidence knowing that they can go to work in a safe and virus free environment.



KEY BENEFITS



Time and date attendance monitoring.



Fast facial recognition and temperature detection speed of 0.2 seconds.



Accurate readings (+ or - 0.3 degrees C) whilst wearing a protective mask.



A cost-effective and contactless solution. (0.3 - 0.5m)



Safeguard your building and employees.



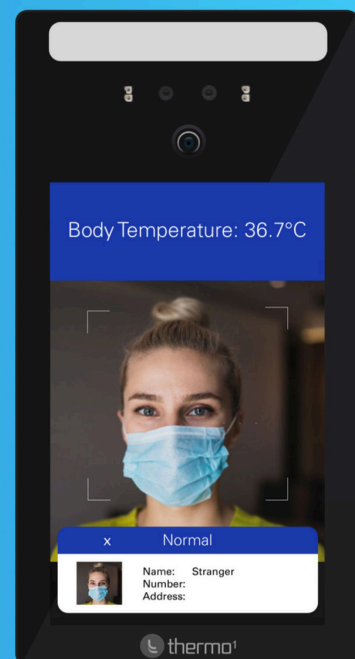
Reduce the risk of contracting a virus within the building by identifying infection at source.



Give employees confidence knowing that they can go to work in a safe and virus free environment.



Restrict building access to individuals pre-registered on the system.



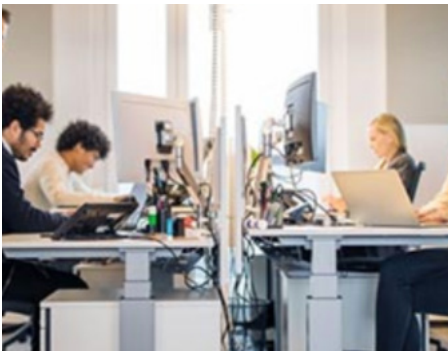
HOW DOES IT WORK?

Powered by Android, Thermo1 takes automatic and highly accurate temperature readings in 0.2 seconds. Thermopile sensors detect infrared radiation (body heat) and any elevated temperatures will trigger a voice controlled alert.

The binocular camera works in real-time using facial recognition software to identify, monitor and record individuals temperatures around the workplace. Stored data is fully secure and compliant with GDPR guidelines. The 8 inch touchscreen LCD display also allows for QR code scanners and ID readers as alternative access controls.

SUITABLE ACROSS ALL INDUSTRIES

Thermo1 offers a variety of bespoke installation solutions including; standing kiosks, desk mounts, wall mounts and attached to entrances, turnstiles and security gates. Whatever the environment, be confident knowing Thermo1 can be installed and integrated into your existing security solutions seamlessly.



COMMERCIAL
OFFICES



EDUCATION :
NURSERIES & SCHOOLS



HEALTHCARE : GP SURGERIES,
HOSPITALS & CARE HOMES



RETAIL : SHOPS
& SUPERMARKETS



HOSPITALITY : HOTELS, BARS
& RESTAURANTS



FACTORIES &
MANUFACTURING WAREHOUSES

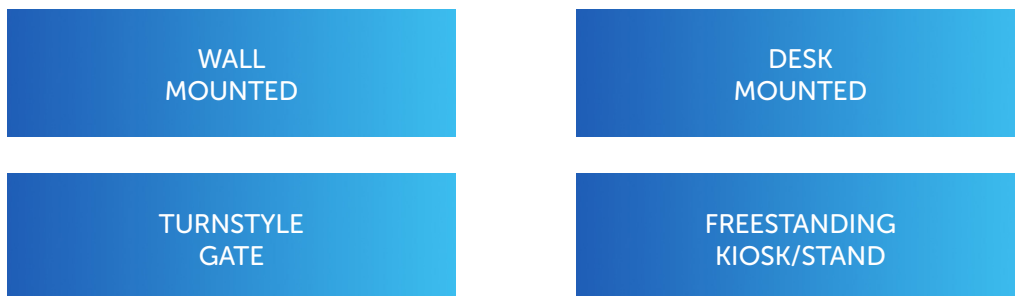


INSTALLATION & SPECIFICATION

Thermo1 is quick and easy to set up. Simply power it on and plug it in to start screening peoples temperatures straight away.

For a standard set-up, the device can be self-installed and configured using the quick-start user manual. All the settings can be changed and customised to meet your requirements.

On site installation and bespoke mounting solutions are available upon request. This includes software set-up, integration with existing systems, security access control deployment and a full user training programme.



SPECIFICATIONS

DIMENSIONS

257mm*138mm*26.5mm
Product/Packag weight:
1.35kg/1.8kg

OTHER FUNCTIONS

Safety helmet detection,
glasses detection

POWER PORT

1 External port and 1 internal 6p port
(STB Function) DC 12V input

WIFI

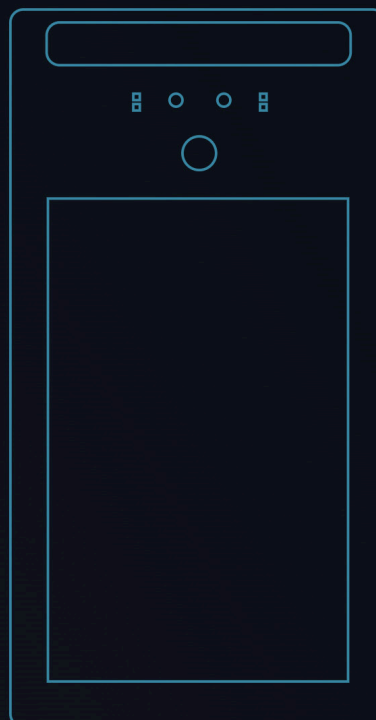
1 line WIFI signal support 2.4G/5G WIFI
802.11b/g/n protocol

TF Card Port

Maximum 64GB

CAMERA OPTIMISATION

Binocular B/W, HDR 200M, auto exposure,
auto white balance, auto backlight



INFRARED SPECTRUM

850nm

EFFECTIVE PIXEL

1920*1080/1920*1080

LENS

M12(f=3.6MM)/ M12(f=3.6MM)

EXTENSIBILITY

Connect to cloud, support background
processing

IMAGE RESOLUTION

640X480@ 30fps /800X600@ 20fps
/1280X720@
5fps/1280X1024@5fps/1920X1080@5fps

SENSOR

1/2.7" industry level binocular HD WDR
sensor

