

TCM

TEMPERATURE CONTROL MODULE

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TCM temperature control module is one of the elements of **HS-Solutions** line of products that is designed and manufactured in Europe.



Thanks to the embedded thermal camera, **TCM** enables touch free control of a human body temperature and it informs people with raised body temperature about recommended next steps in a safe way.

Operating principle

Using precise thermal camera, **TCM** takes a measurement of a human body temperature. Operating the device is intuitive. Directions displayed on the screen lead the user through the whole process.

If the body temperature is raised, the device instructs the user how to remain safe in the next steps.

Possible device integration

Thanks to easy mounting, **TCM** connects perfectly with other **HS-Solution** products, enriched with additional functions such as **TCP** temperature checkpoint and **TCG** gate. They allow disinfection, distribution of protective equipment and access control.

To check them out, visit: www.hs-solutions.eu

DEVICE EQUIPMENT

Precise thermal camera

Full HD 10.1" display

Remote, touch free measurement at a distance of approximately 25 cm

Capacity of up to a few hundred people per hour

Launching and operational readiness in three minutes

Ergonomic housing with the possibility of mounting

Thermal camera lens protection module

Access to the administration panel via website

Protection of the module against external access

Built-in alert system

Instructions displayed on the screen

Possible integration with the operating module

Housing color: ☐ white, ☒ black

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INNOVATIVE FEATURES OF THE MODULE

01

Ergonomic housing

Allows wall mounting, desktop mounting, mounting on racks, also in other HS-Solutions products.

02

Camera lens protection system

Provides increased measurement precision for different circumstances, such as strong sources of light and variable ambient temperature.

03

Administration panel

It allows quick access to results and statistics via website whenever it is needed and setting the threshold value (38°C by default).

04

Built-in alert system

Sound and light signals system allows quick identification and separation of examined people.

DIMENSIONS OF THE DEVICE

Height: 135 mm

Width: 175 mm

Length: 350 mm

Power supply: 12V/3,5A

Weight: 1,5 kg

Weight including packaging: 2 kg

ADDITIONAL FEATURES

Equipping the device with remote control and **monitoring from the reception** or security point with integrated intercom, using the **operating module**.

Individual module configuration, including incorporation of the client's recommendations, placing the logo, graphics and adverts on the display.

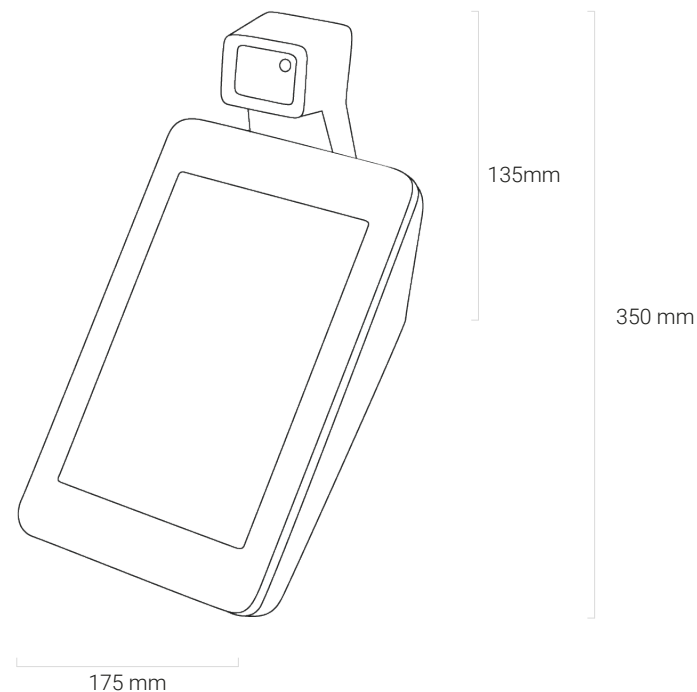
Connecting the **TCM** module with other **HR-Solutions** products, such as **TCP** temperature checkpoint and **TCG** gate.

USE OF THE DEVICE

Installation in places not exposed to sunlight.

Ambient temperature of 10°C - 30°C.

For indoor use.



USING THE DEVICE

01

Temperature control

Is done by positioning your face in parallel to the screen at the distance of approximately 25 cm to take the measurement.

03

Measurement result

Information about the temperature will appear on the user's screen and the device will indicate next steps the user should take.

02

Recommendations

You need to take off your glasses and uncover your forehead and then, following the instructions on the screen, fit your head in the contour.

04

Signalling in the operating module

Information about the temperature will also appear on the monitoring screen, allowing remote and safe control.



THE OPERATING MODULE

The device can be additionally equipped with **remote control and monitoring** from the reception or security point with integrated intercom, using the operating module.

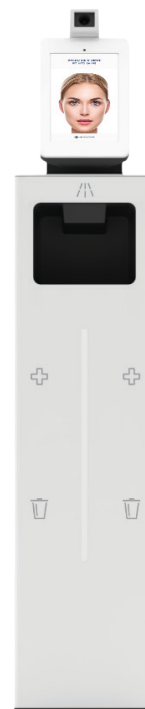
This solution will allow the operator to keep a safe distance from the examined person, thereby reducing the risk of cross-contamination.

INTELLIGENT SOLUTION

Thanks to the use of **Smart No-Touch** technology, **TCM** enables quick and precise touch free control of human body temperature, **up to a few hundred people per hour.**

Additional integration with the operating module will allow remote management of **4 devices at the same time**, creating an integrated temperature control system.





POSSIBLE INTEGRATION

Thanks to easy mounting, **TCM** connects perfectly with other **HS-Solution** products, enriched with additional functions such as **TCP** temperature checkpoint and **TCG** gate. They allow disinfection, distribution of protective equipment and access control.

BUILT-IN ALERT SYSTEM

After integrating the **TCM** module with other **HR-Solutions** product, the device will connect to the alert system in the form of sound and light signals, which allows quick identification of examined people and separating people with raised body temperature. The system is available in **TCP** and **TCG** standards.

INTENDED USE

Industry, health service, schools, universities, banks, sports facilities, airports, railway stations, other public and private spaces. Only to be used inside buildings.

MAINTENANCE

Wipe the panel of the touch free temperature control system with a clean, wet cloth.

ADDITIONAL SERVICE

Optional USB service modem, allowing remote connection with the service of manufacturer in order to modify the application. The user decides whether he/she wants to connect to the service on his/her own by connecting the modem to the device. The connection is established via mobile network using the private APN technology ensuring complete data security.

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