

# ERM-DF108

TAX DEDUCTION - 60%



SIMPLIFIES THE DETECTION OF TEMPERATURE WITHOUT RISKS AND IN QUICK WAY.

ERM-DF108 has a clearly visible 8" screen.

It is ideal for companies, public branches, libraries, shops.



PROTECT YOUR EMPLOYEES AND YOUR CUSTOMERS BY INHIBITING ACCESS TO PEOPLE WITHOUT A MASK OR WITH FEVER.

## CONTEXT

The first step in containment and defense against contagion is to limit access to their premises to people with fever or without protection mask.

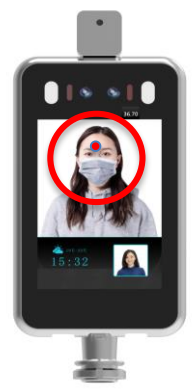
The easiest and most immediate way is with the use of fixed devices for the detection of temperature with automatic warning of «alarms» (in case of abnormal temperatures) to operators. These devices can be connected to safety systems for the release of turnstiles or electromechanical doors (avoiding the costs of a fixed guard).

**Limit the gathering on the premises:** this can be done either with an operator or more efficiently through automated systems for counting people (avoiding the costs of a fixed guard).

**Ensure the distance between people:** this can be done through signs and devices for directing the movement of people, such as through fixed or mobile barriers and through mechanical gates positioned to distance people in queue.



*The accuracy at a distance of 0.5 m is  $\pm 0.3^{\circ}$  C. In case of connection to the turnstile, the opening command of the latter (or of the electric lock) is given only if the temperature is normal.*



When the terminal detects a temperature above the predetermined threshold, an acoustic warning is generated and in case of connection to the turnstile access is inhibited.

# SOLUTION

- 1) **WHAT?** Solution to limit access to their premises to people with fever or without protection mask.
- 2) **HOW?** Through the use of fixed devices for remote **temperature detection** in an easy and **automatic** way.
- 3) **WHERE?** At the entrance of the branch connected to the sliding doors or inside the entrance compass without a fixed guard.

Our devices can operate with or without external software according to the logic:

- an alarm temperature is set (e.g., 37.5° C),
- device configuration is done easily via Ethernet,
- the device records the temperature in a range from 0.5 to 1mt away,
- if it is above the threshold temperature it generates an alarm and you do not have access to the room (or you need to contact an operator for further verification),
- if it is lower access is allowed without any problem.



The ERM-DF108 terminal can be used in **stand alone mode** fixed on a pedestal but can also be **connected to a turnstile**.



The relay will unlock the turnstile in case of normal temperature while it will not send any signal in case of anomaly.

[Click here to watch the demonstration video](#)



The product is not a medical device and does not replace in any way other certified temperature measuring medical devices.  
Use in accordance with privacy policy.

# MAIN FEATURES



The solution uses **binocular optics** for real-time identification of the person's face, with a large memory it can manage up to 300 face templates and up to 1.000.000 logs.

Thanks to the IR sensor it detects temperatures up to a distance of 1mt with an error of  $\pm 0.3^{\circ}$  C and with a precision scale of  $0.1^{\circ}$  C.

Upon detection of a temperature higher than that defined, usually  $37^{\circ}$  C, a **visual and sound alert is activated to indicated the anomaly**.

The device is equipped with a relay that can be connected to a door opener to ensure that the door opens automatically if the detected temperature is within those allowed.

## TECHNICAL SPECIFICATIONS

- Accuracy at 0.5 m +/- 0.3° C
- ABS case and metal back
- Distance of temperature detection and mask from 0.5 to 1mt
- Germany HEIMANN sensor
- 1 Relay output for access control
- 1 Relay output for alarm signaling
- Communication interface: TCP/IP, WiFi and USB
- Power supply and mounting bracket included
- IR Camera: 100W infrared
- Display: 8" color touch
- Software in Italian for data download and live monitoring
- Optional accessories: bracket for fixing to turnstile and columns with audio / visual alarm
- It is suitable for indoor installation only
- Operating system: Linux

