

ERM-DF105

TAX DEDUCTION - 60%

SIMPLIFY RISK-FREE TEMPERATURE DETECTION QUICKLY.

ERM-DF105 is a solution to limit access to your premises to people with fever or without protection mask.



PROTECT YOUR EMPLOYEES AND CUSTOMERS BY INHIBITING ACCESS TO PEOPLE WITHOUT MASKS OR 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.



At a reading distance from 0.5 to 1 m, the reading error is 0.3°C , with an accuracy of 0.1°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),
- 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.

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



The ERM-DF105 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.

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 face of the person, with a large memory can handle up to 300 face templates and up to 1.000.000 logs.

Thanks to the IR sensor it detects the temperature up to a distance of 1mt with an error of 0.3° C and with an accuracy scale of 0.1° C.

When a temperature higher than the defined one is detected, 37° C usually activated a **visual and audible alert to indicate the anomaly**.

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



TECHNICAL SPECIFICATIONS

- Case in AB and back in metal
- Temperature and mask detection distance from 0.5 to 1 mt
- Sensor type: Melexis DCI8586502
- Detection tolerance 0.3° C, measurement scale of 0.1° C
- N.1 Output relay for access control
- N.1 Output relay for alarm signaling
- Communication interface: TCP/IP, WiFi and USB
- 12Vcc 2A power supply
- Camera: 200W Color HD pixels
- IR Camera: 100W infrared
- Display: 5" capacitive color touch 854x480
- Wall or desktop fixing bracket already included
- Software in Italian for data download and live monitoring
- Optional accessories: bracket for fixing to turnstile and columns with audio / visual alarm
- Italian language selectable
- It is suitable for indoor installation only.

