

RS8001

- 60% TAX DEDUCTION

SIMPLIFIES THE DETECTION OF TEMPERATURE, THE PRESENCE OF THE MASK AND VERIFY THE GREEN PASS VIA THE APP VERIFICAC19

RS8001 is a solution to limit access to your premises to people with fever, without protection mask and without Green Pass



PROTECT YOUR BUSINESS AND COMPLY WITH THE REGULATIONS IN FORCE ALLOWING ENTRY ONLY TO THOSE WHO ARE PROVIDED WITH MASK AND GREEN PASS!

CONTEXT

The first step for the containment and defense against contagion is to limit access to their premises to people with fever, without protection mask or no valid Green Pass, as required by current regulations in force.

The easiest and most immediate way is with the use of fixed devices for the detection of temperature with automatic sending of "alarms" to operators in case of abnormal temperatures, absence of mask or invalid Green Pass. These devices can be connected to safety systems for the release of turnstiles or electromechanical doors (avoiding the costs of a fixed garrison).

The solution uses **Infrared Thermographic Technology**, which allows to detect the temperature with non-inductive method, taking advantage of the infrared radiation emitted naturally by any element with a temperature higher than 0 absolute. The device performs **facial recognition** also detecting the presence of the mask, the comparison of the temperature detected and read the **QR Code of the Green Pass using the VerificaC19 app integrated into the device**.

It can be installed in any environment, even outside in areas protected by roofs. Its simple and fast installation makes it unique in controlling and managing the flow of people entering and leaving in hotels, Shops, Offices, Restaurants, Supermarkets, Fairs, Gyms, Companies, Railway Stations and Subways, Dental Practices and much more.

Temperature measurement with facial recognition and integrated barcode reader and **Green Pass** validation via app **VerificaC19**



Visual and voice verification **Green Pass** validity via app **VerificaC19**



Web Platform for management and configuration



Visual and voice alarm in the absence of mask



Detection of **body temperature** and **facial recognition**

SOLUTION

- 1) **WHAT?** Solution to limit access to your premises to people with fever without protection mask or valid Green Pass
- 2) **HOW?** Through the use of fixed devices for remote **temperature detection** in an easy and **automatic** way
- 3) **WHERE?** Wherever the flow of incoming people is required to be controlled

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 0,2 to 2m away,
- if it is above the threshold temperature it generates an alarm and sends an email with photos and you do not have access to the room (* or you must contact an operator for further verification),
- if it is lower access is allowed without any problem
- the lack of properly worn mask or the lack of Green Pass generate the same actions of the temperature out of range.



The RS8001 terminal can be used in **stand alone mode** fixed on a pedestal but can also **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 medical temperature relief devices.

Use in accordance with privacy policy.



MAIN FEATURES

The solution uses **Infrared Thermographic Technology (Heimann)** for real-time identification of the face of the person, with a wide memory can handle up to 20,000 faces and up to 20,000 records.

It detects the temperature up to a distance of 2m with an error of 0.3° C thus and with a scale of precision of 0.1° C. It can detect up to 5 faces simultaneously.

Upon detection of a **temperature higher** than defined, usually 37° C, in the absence of a protection **mask** or **Green Pass** a **visual and sound alert** is activated to indicate the anomaly.

TECHNICAL SPECIFICATIONS

- Read and validate Green Pass via **VerificaC19 app**
- ABS case and metal black
- Temperature detection distance from 0.2 to 2mt
- Face and mask detection distance from 0.5 to 1 mt
- Image sensor 1/2.7" CMOS
- Detection tolerance +/- 0.3° C, measuring scale 0.1° C
- Simultaneous detection up to 5 people
- N.1 Output relay for access control (Wiegand)
- N.1 Output relay for alarm signaling
- Communication interface: RJ45 10M/100M Ethernet, 2.4G WiFi, 4G on request
- Power supply 12Vcc 2A
- Camera: 2MP HD Color
- 8" LCD color PCAP touch screen – brightness 400cd – 800 x 1200 resolution
- Time for facial recognition ≤ 200 ms
- Operating temperature 0° C~60° C
- Humidity 5 ~90%
- Back-End Management Platform
- Available with wall bracket, pedestal or bench, column/turnstile
- Software in English language
- It can also be installed outside but under a roof, IP64 and IP65 with accessory
- Configurable from Browser without use of software but with limitations
- Android Operating System
- Dimensions 236x130x80 mm

