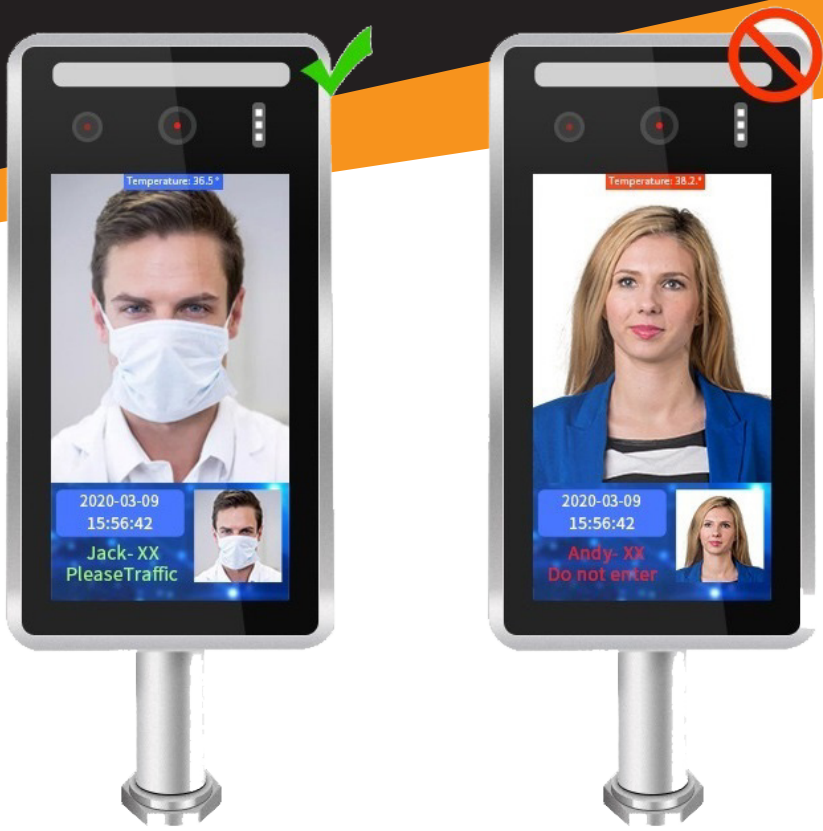
THERMOSCANNER TRM-C19

Access control with temperature verification, mask presence and facial recognition



Authorized
Normal body temperature
Temperature 36.5 °C

Not allowed
Body temperature 38.2 °C
does not wear a mask

Body temperature measurement even with the use of a mask.
Easy to use.
Easy interfacing with existing access control.
Reduced mainteinance.

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100% made in Italy

TRM-C19

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Non-contact recognition and temperature detection to make controlled areas safer.

It can control an automatic door, a turnstile, an elevator, be placed on a hotel reception or wherever there is a need to carry out an access filter, to allow greater safety for people entering to the controlled environment.

GENERAL FEATURES

- Body temperature control with voice and sound alert.
  It is possible to set a warning threshold in case of high temperature. The maximum error threshold is only 0.3°C.

- Check the presence of the protection mask.
  The device can automatically recognize if the person is wearing a protective mask, otherwise it can signal it and prevent the passage.

- Biometric control by facial recognition (optional).
  Thanks to a powerful algorithm and a database that can manage up to 30.000 faces, it will be possible to manage access control also through biometric verification and record the entry and exit.

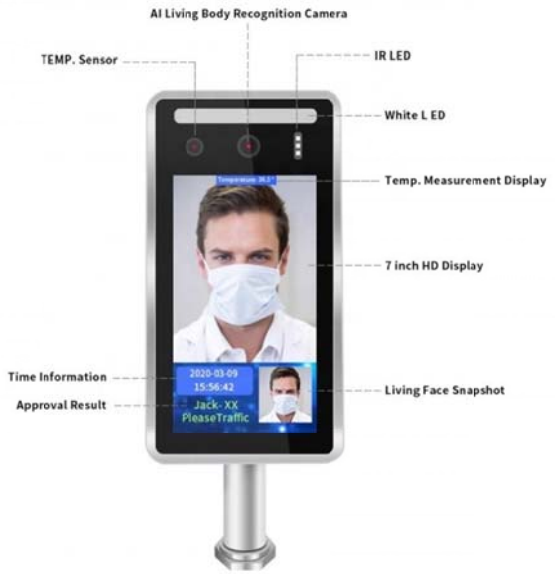
- Build.
  Metal structure, 7 ”IPS HD display. 2MP camera, integrated speaker, IP66 protection rating.

- Installation.
  It can be installed on automatic gates but also on normal entrances, counters or waiting rooms thanks to the different supports available.

- Software.
  Management software for centralized control of one or more units and the database.

- Technical support.
  Easy to use it and a interface with existing access control, reduced maintenance.

MANAGEMENT UNIT



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REG. N. 8064-A
UNI EN ISO 9001:2015

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MAIN ADVANTAGES COMPARED TO OTHER ACCESS CONTROL SYSTEMS

	VS	
Fingerprint reader or entrance badge Direct contact with potential contagion		Facial recognition 0.5-1.3m to allow access No contact, safe and reliable
Manual temperature measurement Close distance during temperature measurement		Temperature measurement by biometric control No manual intervention required
Manual prevention and control of statistics Long and laborious analysis		Smart control of recorded data Record incoming and outgoing information

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TECHNICAL SPECIFICATIONS

System

Operating system	Embedded LINUX
RAM	DDR3 512MB
ROM	EMMC 8GB

Screen

Sensor	1 / 2.8
Compression	H.264 / H.265
System	PAL 50Hz / NTSC 60Hz
Resolution	1920x1080 / 1280x720
Dimension	Display 7" LCD
Minimum lighting	Day Mode 1 Lux, Night Mode 0.01Lux
Day/Night mode	Automatic / Day / Night / Automatic / Timed

Functions

Body temperature test	Supported (distance 0.3 – 1.2m, error ±0.3°C Forehead)
Masking recognition	Supported
Attendance control access	Supported
Temperature measurement response	< 2.5 sec
Face recognition response	< 500 ms

Sound

Standard coding	G.711U
Audio input	MIC / Passive speaker
Audio output	8Ω/MAX 1.5W external speaker

Recording management

Registration procedure	Manual, alarm recording, recording time
Storage Memory	TF card / PC / NVR
Memory support	TF card up to 128GB (FAT32)

Interface

Wiegand card	Supports the Wiegand protocol
Network Card	RJ45 10/100Mb
Alarm output	Relay 1 contact (NO or NC)
RS232	Supported
RS485	Supported

Network

Wifi module / Protocol	Wifi 2.4G / 802.11 b/g/n Protocol
Network protocol	HTTP,TCP/IP,IPV4,UPNP,RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP search (Support P6S IP camera, DVR, NVS, ecc.)

Power supply

Electric voltage	Standard 12VDC (Range from 10 to 16VDC)
Power	160mA ±10mA
Work environment	-20°C / +65°C

Dimensions

Tablet	219mm x 125mm x 20mm
Installation method	Desktop installation, Floor support installation

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