



Infection prevention system



made and designed in Croatia

IPS is a stand-alone unit with a precise thermal camera, fast face mask recognition and contactless application of disinfectants for a healthy and safe environment throughout and after the pandemic.



THERMAL CAMERA SPECIFICATION

- + Camera 2MP
- + Temperature Detector Thermal imaging
- + Display 7" IPS HD 1024x600, 300 CD/m2
- + Interfaces RS485, RS232, RJ45, Relais
- + LED Infrared, White-Light
- + Power supply 12VDC (max. 12W)
- + Protection class IP66

IPS THERMAL CAMERA

is an AI ultra-precision **body temperature** measurement system that guarantees high performance and reliability. It is based on infrared thermal imaging technology and uses **deep learning** algorithms. It features fast recognition speed, high precision and fast acquisition of facial information for 1:N comparison.

During face recognition, the human body temperature is determined for temperature measurement.

The system can be used, for example, at staff passages. A high passage speed is achieved with simultaneous epidemic prevention. Thanks to the Wiegand protocol integration, IPS can be integrated into your **existing access control system**.



TECHNICAL SPECIFICATION

- + Temperature measuring distance 0,5 - 1,0 m (0,75 m recommended distance)
- + Best face recognition distance 0,5 - 2,2 m
- + Temperature accuracy $\pm 0,3^{\circ}\text{C}$
- + Coverage area $36^{\circ}\text{C} - 40^{\circ}\text{C}$
- + Human face number 30.000
- + Accuracy of identification 99,5%
- + Recognition time 200 ms
- + Temperature Measurement time < 2 sec
- + Tolerance Standard - glasses allowed
- + Protocols IPv4, TCP/IP, HTTP, HTTPS, Wiegand
- + Dimensions: base 3x40x50 cm; body 150x30x25 cm

HANDS DISINFECTION

Touch free operation for safe application of hand disinfectants.

- + Maximum hand hygiene by touch free operation
- + Economical use of 5/10 Liter jerrycans
- + Adjustable dosing rate (according to hand disinfectant needs i.e. Hygienic Hand Disinfection acc. EN 1500)
- + The option of electrical counter of disinfectant dosage
- + Freely positional - no need for wall mounting
- + Place it where it is needed!
- + Easy maintenance and jerrycan exchange
- + One spare pump included





Infection prevention system

STAND-ALONE CONTACTLESS UNIT WITH A PRECISE THERMAL CAMERA AND SAFE APPLICATION OF DISINFECTANTS

FURTHER ADVANTAGES

- + Conventional temperature measuring devices must be held by one person, which reduces efficiency
- + All-in-one face temperature measuring device: automatic temperature measurement by face scan, saving manpower and improving efficiency
- + Persons without a mask can be recognized exactly
- + Automatic recording of information about abnormal temperatures of the human body and automatic counting of relevant persons
- + Features a deep learning algorithm; supports a database of up to 30,000 faces; fast 200 ms face recognition to ensure the rapid passage of people
- + Supports uploading data via network; results and captured photos can be uploaded for real-time storage; data can be backed up continuously even if the network is unavailable

OPTIONAL

- + Disinfectant sanitizing mat for a quick and easy shoe disinfection



IMPERIUS
GROUP GMBH
TRADING

Imperius Group GmbH - trading

E-mail: office@imperius-trading.com
Web: www.imperius-trading.com
Phone: +43 664 1924350

Address: Hellbrunner Allee 59
5020 Salzburg, Austria

