

Thermographic cameras for temperature measurement

Technology to face the Coronavirus Emergency

We are facing an unpredictable emergency that is completely changing our lives: fear of crossing and meeting people, concern about keeping safe distances, need of protection means, domestic insulation repeatedly recommended by Authorities ("stay home" is the most repeated slogan nowadays).

But life has to go on somehow and in the "COVID-19 time" technology can help us to carry on the unavoidable and essential activities in a careful and safely manner.

Among several cares recommended by virologists, infectious disease specialists and other medical personalities one of the most common and initial alarm of infection is represented by an higher body temperature level.



Our Electronic Division of Capua (CE) is a technological partner of some of the world's largest manufacturers of cameras for thermal measurement of body temperature.

Thanks to this - and to our many years of experience - we can provide various solutions for temperature measurement with thermographic cameras: the service we are offering to our Customer covers the various steps, from the device design, to its installation and up to the daily assistance.



The new technology we are proposing allows a very precise temperature measurement (accuracy up to $\pm 0,3$ °C or $\pm 0,2$ °C). In addition, these cameras produces a simultaneous analysis of up to 30 faces and the results are shown in few seconds.

Precise and real-time temperature measurement

The thermographic camera in a stand-alone configuration or connected to a Blackbody unit, allows the measurement of the temperature of people entering in a room. This is done in real time and with an extreme accuracy. The measurement takes place at a distance of 3/4 meters, in order to avoid any contact with people who could be infected, thus protecting anyone going through.

The device operators will receive a notification when exceeding the allowed threshold. Moreover, cameras are also equipped with acoustic and visual signals. By correctly installing these systems, it will be possible to respect people's privacy and to allow the smooth running of activities, based upon the Authority's recommendations.

Fields of application of thermographic cameras: Airports - Railway/Bus Stations - Hospitals - Supermarkets - Shops - Large Companies - Offices - Pharmacies - Medical Centers - etc.