EQUIPRO
EQUIPMENT PROTECTION SOLUTIONS

FeverTIR | Fever detection system

Thermography system for body temperature measurement

- Thermal scanning
- Fever detection
- Accuracy 0.3°C
- Real time analysis
- Thermal and visible Full HD camera
- Lightweight and compact
- High resolution 384x288
- Real time calibration
- Traceable calibration certificate

ISO 9001 BUREAU VERITAS Certification

Made in EU

FeverTIR | Fever detection system

Thermography system for body temperature measurement

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The Fever Detection System FeverTIR is designed to quickly and accurately measure people's body temperature without contact. The system alerts about people who exceed the established maximum body temperature, detecting possible cases of fever, one of the most obvious symptoms of Covid-19 infection, as well as similar contagious diseases.

Body temperature measurement

The system combines a high-precision thermal camera with a visible Full HD camera allowing body temperature measurement and the identification of people, with fast recording of the data obtained. The system provides an accuracy of ±0.5ºC and traceable calibration certificate is included (see fig. 1).

For higher accuracy in temperature measurement (±0.3ºC), there is the option of incorporating a black body source (see fig. 2). In this case, a traceable calibration certificate is also included.

Software

The included software provides a very intuitive interface for the control and configuration of temperature, alarms and recording functions, as well as for the analysis of the measured data. Its digital output module allows easy integration with other systems.

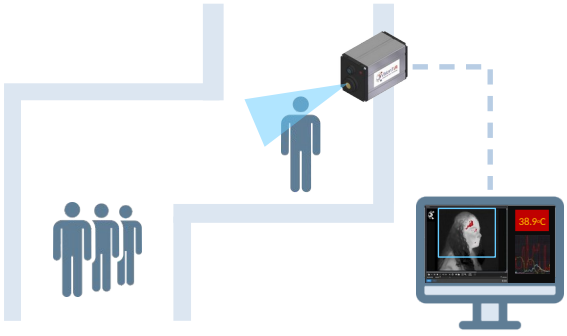

Fig.1. Temperature measurement with accuracy ±0.5ºC

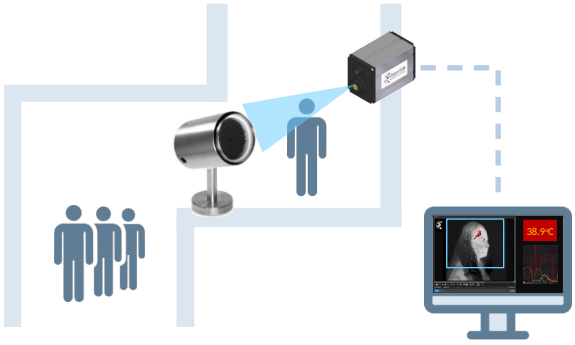

Fig.2. Temperature measurement with accuracy ±0.3ºC

Main features

- High resolution: 384 x 288 pixels
- High sensitivity: 60mK
- High accuracy: ±0.5ºC (± 0.3ºC using black body)
- Integrated visible spectrum camera (RGB full HD)
- Display of both cameras on the screen (thermal + visible)
- Simultaneous recording of video and images (RGB and thermal)
- Special calibration temperature range for measuring facial temperature
- System setup and analysis software included with the camera
- Generation of pre-alarms and alarms with on-screen notification
- Real-time hot spot analysis
- Easy integration with other systems

Accuracy ±0.3ºC

Resolution: 384x288

Traceable calibration certificate