

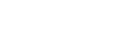
CO-S3

Body Temperature Detecting System

Quarantine infrared thermal imaging body temperature intelligent rapid screening instrument



Quick Fever Detection with artificial intelligence technology



Double-light imaging



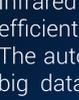
Acousto-optic alarming



AI identification



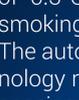
Face imaging capture



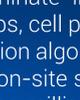
High-precision temperature measurement



Non-inductive temperature measurement



Parameter adjustment



Unattended

Features of CO-S3 System

Infrared and visual double spectrum fusion, makes it intuitive and efficient.

The automatic face detection and snapshot technology based on big data artificial intelligence technology can accurately detect forehead temperature with a temperature measurement accuracy of 0.3°C, and can accurately eliminate interference caused by smoking, eating food, hot water cups, cell phones, etc.

The automatic temperature correction algorithm based on AI technology requires no intervention by on-site staff, no contact and no sensing screen measurement at the millisecond level, and intelligent alarm.

Based on AI technology and flow statistics technology, it can accurately identify and count the number of people passing and who got fever, and quickly analyze the epidemic situation.

Quick Detection:

The measured stream of people passes through the detection area, and the temperature of the human body can be detected in 0.5 seconds.

Non-contact Remote Measurement:

The body temperature of the tested person is measured at a height of 4-9 meters, which will not easily cause antipathy and panic of the tested person. Monitors can be located further away from the console to avoid cross infection.

Sensitivity:

The temperature resolution of the instrument can reach $\pm 0.3^{\circ}\text{C}$, which is suitable for searching and detecting people at a long distance in areas with large human flow, and accurately finding out patients with fever.

Concealment:

The temperature measurement can be carried out without the complete knowledge of the detected object, which is beneficial to ensuring the normal working order of important departments such as airports, ports, railway stations and so on.

Good UI Interactive Design of Software:

The software has greatly improved the user experience, with multi-visual presentation, arbitrary resolution display, and support for animation effect prompt. It has strong operability, affinity, scientific and technological sense, etc.

Standard configuration

Infrared Thermal Imager, Computer, Blackbody, Bracket



Field wiring diagram

Effect display

The infrared thermal imaging temperature measurement technology of the CO-S3 intelligent rapid quarantine body temperature screening instrument adopts a high-resolution uncooled focal plane detector (384 X288), the temperature measurement accuracy is as high as $\pm 0.3^{\circ}\text{C}$, the image frame can reach 25Hz. It has reached the international advanced level in technology and is mature and reliable.

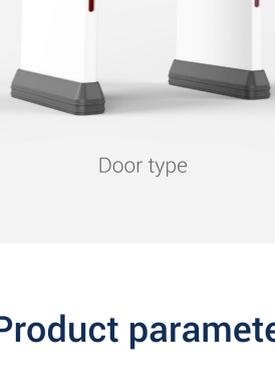


Product appearance

There are two types of CO-S3 intelligent rapid screening instrument for quarantine body temperature: bracket mounting type and door type.



Bracket mounting type



Door type

Product parameter

Infrared

- 384X288 Resolution
- 40° X30° FOV

Visible light

- 11920X1080 Resolution
- 6° ~ 60° Optical Zoom

Temperature measurement

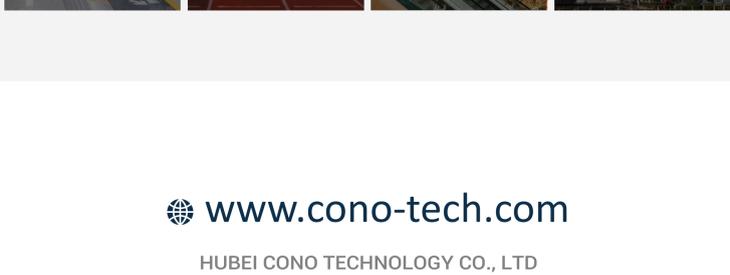
- Self-calibration temperature
- 30: ~50°C temperature measurement range
- $\pm 0.3^{\circ}\text{C}$ temperature measurement is accurate

Software function

- Automatic recording
- Ribbon setting, sensitivity setting, shielding area setting
- Historical data is automatically saved and retrieval queries can be provided
- Automatic sound, light and character alarm, automatic video and picture capture and storage
- The mouse follows temperature measurement and high temperature automatic display

Application scene

Subway, airport, wharf, station, hospital, shopping mall and other places with large traffic.



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