Functions and Features

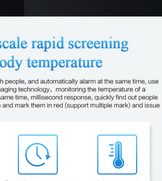
1. Use infrared non-contact temperature measurement to reduce the risk of cross infection;
2. High-precision non-contact temperature measurement, temperature measurement accuracy is less than +-0.3;
3. Multiple people can be detected at the same time, the detection time is less than 0.5 seconds;
4. Visible light + thermal imaging dual light algorithm, face detection, accurate positioning of temperature measurement parts, reducing false alarm rate;
5. Automatic snapshotof abnormal body temperature, instant voice alarm;
6. Artificial intelligence face detection algorithm, can recognize the face even wearing a mask;
7. Not only can be used in small scenes such as entrances, stores, etc., but also suitable for large crowded scenes.

Specification

Model	S22
Visible light resolution	1920x1080 pixels
Infrared resolution	210 *160
Temperature measurement accuracy	＜ ±0.3℃
Field of view	37°
Thermal sensitivity	0.07℃
Spatial resolution	1.7mrad
Infrared spectral band	8 μ m to 14 μ m
Temperature measurement range	20℃~45℃
Color palette	Spectra
Temperature measurement alarm function	Can set high and low temperature alarm
Focusing method	Fixed focal length / minimum focal length is 0.5m

Infrared Thermal Imager Temperature Measurement System

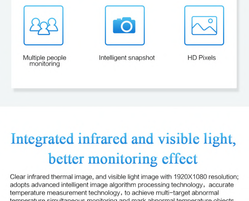
- Temperature accuracy is less than +-0.3
- Automatically lock face temperature measurement
- Automatic alarm for abnormal body temperature



This Intelligent AI binocular thermal imaging system is composed of AI binocular temperature detecting camera and AI thermal imaging screening system. Integrated by thermal temperature detecting sensor of high-accuracy, built-in intelligent face capture algorithm, and ISP image signal processing technology etc, this device is with face detection, temperature detection and face capture, etc powerfull features. With AI thermal imaging screening system, it can accurately detecting the body temperature, capturing face picture and records for those people appeared in front of this device. It can effectively help to monitor and detect the body temperature of entry and exit people, thus contributing to prevent epidemic situation. It can be widely used at all kinds of entrances and exits of school, buildings, stations, etc.

Large-scale rapid screening of body temperature

Quickly find and mark feverish people, and automatically alarm at the same time, use advanced infrared thermal imaging technology，monitoring the temperature of a large range of people at the same time, millisecond response, quickly find out people with higher body temperature and mark them in red (support multiple mark) and issue an alarm signal immediately.



Integrated infrared and visible light, better monitoring effect

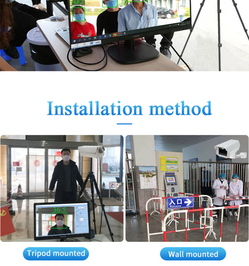
Clear infrared thermal image, and visible light image with 1920X1080 resolution; adopts advanced intelligent image algorithm processing technology，accurate temperature measurement technology, to achieve multi-target abnormal temperature simultaneous monitoring and mark abnormal temperature objects.

Automatic capture of abnormal body temperature

Using the special software for temperature screening, when the person with abnormal temperature in the crowd triggers the alarm, the system will automatically capture a thermal image of the person with abnormal temperature, to facilitate staff's statistics and analysis in the later period.

Non-contact temperature measurement, temperature error is less than +-0.3

Non-contact long-range temperature measurement (0.5~3 meters), reducing the risk of cross-contact.



Installation method

Application scene

Size