DaoSafe

IR TEMPERATURE SCREENING CAMERA

[Simple·Accurate·High-efficient·Safe]

DSSP530

Daosafe DSSP530 IR Temperature Screening Camera, which uses high sensitivity infrared detector featuring exquisite appearance, can be placed at the public places with a large flow of people such as stations, schools, hospitals, supermarkets and office buildings, helping screen the people with fever symptom accurately and quickly, guarantee people's health and safety.

Stability | High-quality infrared detector, state-of-the-art temperature algorithm, industrial quality and strong environmental adaptability.

Accuracy | Precisely measures temperature within the range between 1 to 4 meters with accuracy at ±0.3°C and automatically correct the temperature drift.

High-efficiency | Simultaneous measurement for more than one people, insensitivity of screening and pass rate of 300 people per min.

Smart-design | Automatic face-tracking and detection, automatic alarming in case of overtemperature, support masked detection and people –counting.

Easy-to-use | Plug and play, no computer needed and convenient operation and maintenance.

No Need Computer

Directly connecting it to
Display Device or TV with HDMI cable

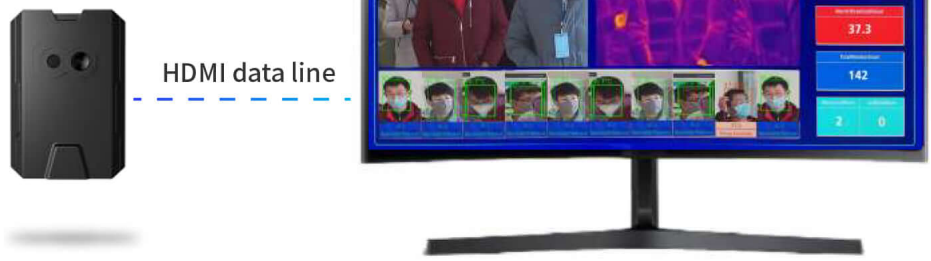
Accurately
Temperature Measurement
±0.3°C

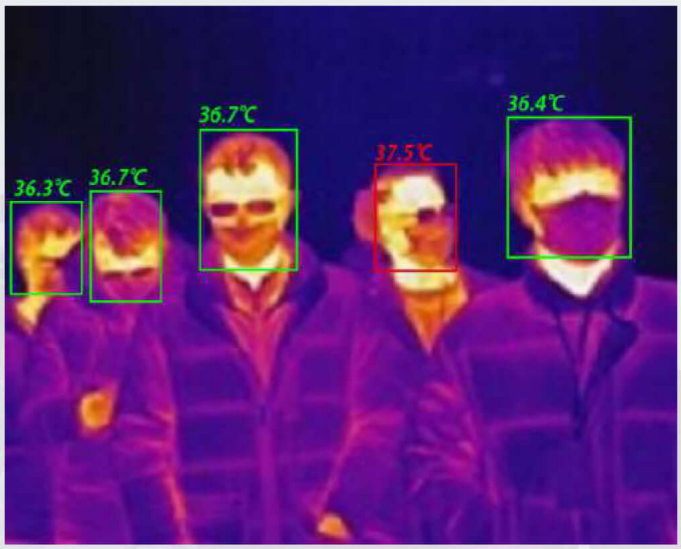
Product Dimension

Product Advantages

Plug and play, Flexible control

Start to operate when connecting it to display device or TV set with HDMI cable, no computer is needed.





Multi-people temperature detection with high-efficient pass rate

Support temperature detection for one more people simultaneously, and response-time to temperature detection is 0.25 seconds only, it doesn't affect the pass rate of people, support automatic alarming in case of abnormal temperature detection, people-counting and photo retention.

Smart-detection and effort-saving

AI face recognition algorithm enables to automatically track face and detect temperature free of being affected by other interfering heat sources. Meanwhile, it supports masked detection and helps to reduce the workload of epidemic prevention.

Product Specifications

Temperature detection		Infrared thermal imaging data	
Temperature detection range	28-45°C	Sensor type	Uncooled VOx detector
Accuracy	±0.3°C (body temperature 33~40°C), Accuracy of other temperature sections as ±1 °C within the temperature range	Resolution	160×120
Accurate temperature detection distance	1-4m	Noise equivalent temperature difference	<50 mK (0.050°C)
Number of people to be detected	Detect 10 to 12 people simultaneously	Field angle	57°X44.3°
Visible light parameters		**Interface**	
Sensor	1/2.8 inch, high performance progres scan CMOS	Alarm output	1 channel, support alarm output signal and controllable access control system
Pixel	200w	Alarm input	1 channel
Resolution	1920X1080	Loudspeaker	Play voice alarm
Low illumination	0.01 Lux @(F1.5)	HDMI	1 channel
Wide dynamic range	support	USB	2 channel
White balance	support	TF card	8G
Digital noise reduction	support		
AI function		**SDK**	
Face capture	Support face capture function for multi-people walking through at a constant speed(0.8m/s), enabling to detect and capture 20 to 30 faces simultaneously in each frame.	Support3rd party development SDR	Support Linux、Windows SDK development
The whole machine parameters			
Working temp.	10°-45°C(the best operating temp. range 16-32°C for temp detection)	Power consumption	⩽4W
Operation humidity	EC 60068-2-30/24h 85% relative humidity	Size	90mm×47.3mm×130.15mm
Power supply	DC12V (9~14V)	Weight	440g

Related Accessories

Accessory

Power Supply Cord

HDMI Data Line

Mouse

Option

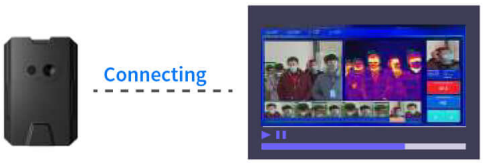
Holder

Display

Applicable Places

Use Flow

1

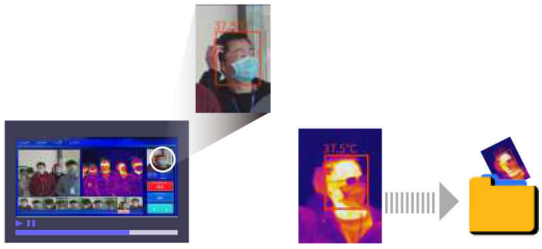


Start to operate by connecting the product to the power supply, display or TV set.

2

Automatically detect temperature when walking through the machine within the range of 1 to 4 meters.

3



Automatically give an alarm in case of over-temperature and support automatic photo retention.

4

The staff confirms detection temperature again.