Thermal Temperature Monitoring Solution

WWW.SECUMATE.CN

SHENZHEN SECUMATE TECHNOLOGY CO.,LTD

Intruduction

The Secumate Thermal Temperature Monitoring Solution offers the latest hybrid thermal network camera that combines a Vanadium Oxide Uncooled LWIR module and a 2MP visible-light sensor.

The solution provides a blackbody calibration device that maintains a customizable constant temperature as a reference point for the thermal camera. The thermal camera coupled with the blackbody calibration device delivers a contactless solution for continuous and non-invasive comparison of human skin temperature compared to the blackbody device.

Thermal Temperature Monitoring technology enables quick detection of elevated skin temperatures compared to the customizable blackbody calibration device.

Thermal imaging equipment can easily be installed and implemented to detect elevated skin temperature in environments such as airports, hospitals, clinics, office buildings, cruise ships, and any large public gathering location.

Thermal Camera Web Menu Interface

Non-contact Detection

Long-distance Screening at up to 5m (16.0 ft)

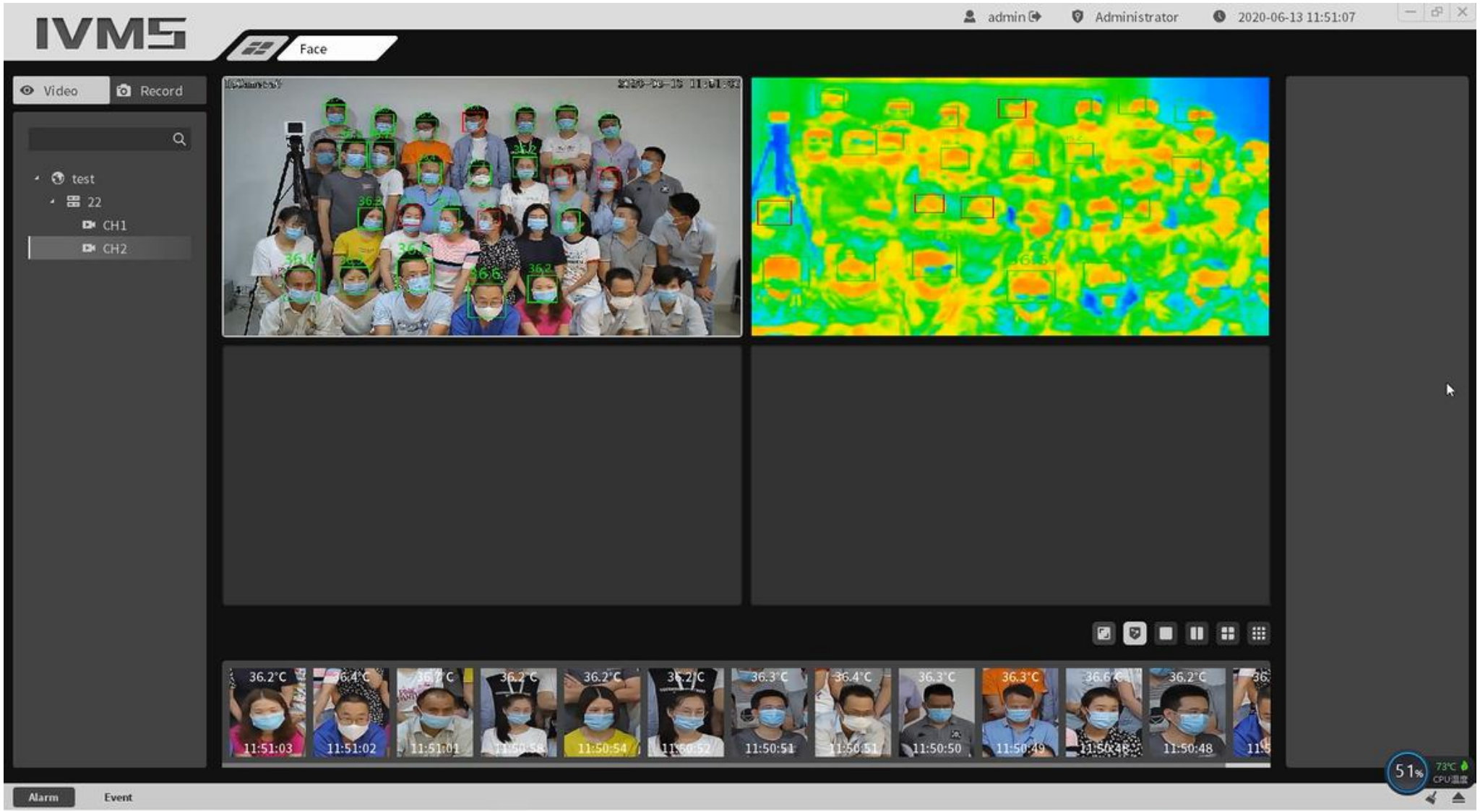
Multi-objects Detection

Up to 30 people

High Accuracy

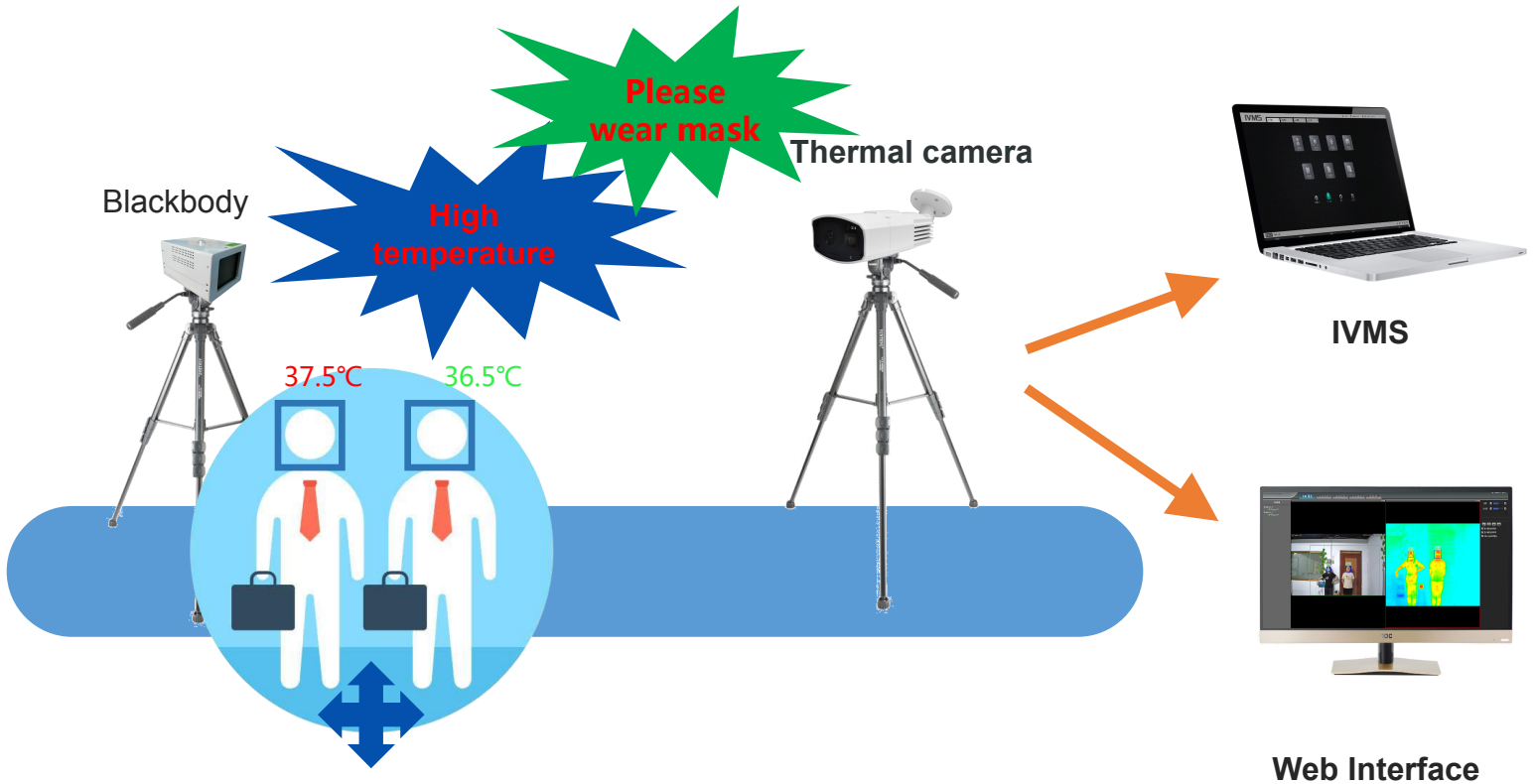
±0.3° C (±0.54° F) Temperature Measurement (with blackbody)

IMS Software Interface



Body Temperature Measurement System

Thermal imaging non-contact temperature detection. Fast speed, Long distance and Multiple people fever screening. Automatic Alarm for abnormal temperature. Built-in voice and light alarm device. Save labor and reduce the risk of cross-infection.



High accuracy

Measurement accuracy ±0.3℃ (With blackbody)

Long distance

Non-contact body temperature measure 2-5m

Large coverage

Complete 30 target temperature measurements

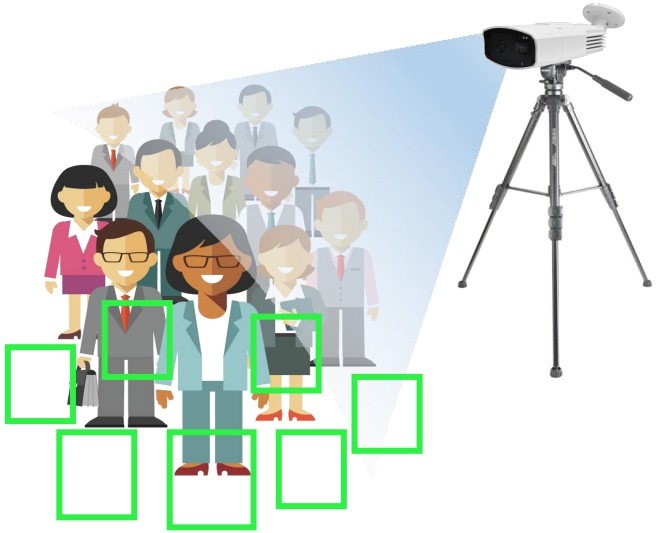
Automatic

High temperature will trigger sound and light alarm, and keep records for reference

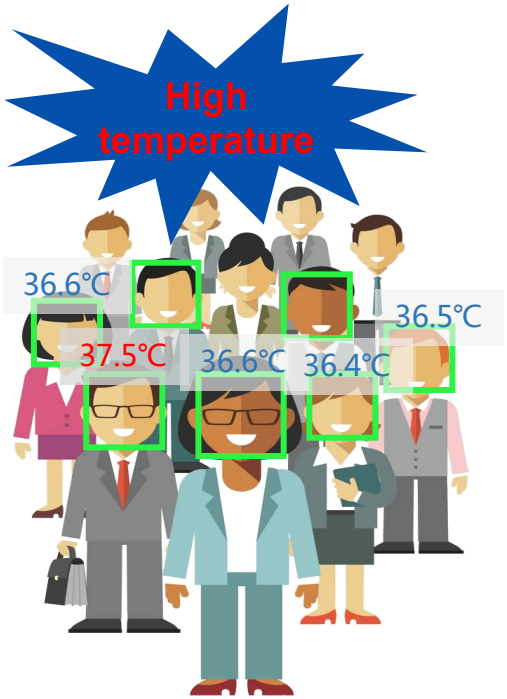
Fast installation

Provide complete product solution

Application Procedures for Temperature Measurement



Thermal camera large-scale temperature measurement



Screening the abnormal temperature person and alarm

Artificial retest

The Thermal Temperature Monitoring Solution is not FDA-cleared or approved. The Solution should not be solely or primarily used to diagnose or exclude a diagnosis of COVID-19 or any other disease. Elevated body temperature should be confirmed with secondary evaluation methods (e.g., an NCIT or clinical grade contact thermometer). Users, through their experience with the Solution in the particular environment of use, should determine the significance of any fever or elevated temperature based on the skin telethermographic temperature measurement. Visible thermal patterns are only intended for locating the points from which to extract the thermal measurement.

Body Temperature Measurement System- Products

Recommended installation: Indoor(without wind), 10-32℃. For outdoor installation, the users have to build tents to simulate the indoor environment.

SE-WH5085FE

- Uncooled LWIR module
- Effective Pixels 384*288 , Spectral Range 8um-14um
- 9.1mm/13mm lens optional
- NTED < 60mK
- Measurement range 30-45℃
- Accuracy ±0.3℃ (with blackbody)

- 1/2.8" SONY starlight CMOS
- Resolution ：1080P@30fps
- Built-in deep learning face detection algorithm
- Built-in sound and light alarm, High temperature linkage trigger

FE08

- Temperature Range：5℃-100℃
- Temperature Resolution：0.1℃
- Accuracy：±0.2℃@36℃
- Stability：± (0.1-0.3) ℃/h
- Emissivity：0.97±0.02
- Power supply：AC100-240V , 260W
- Operating ambient temp：0-40℃ , ≤80%RH
- Emissive Area：100mm*80mm
- Dimension：L195*W150*H110

IMS Software

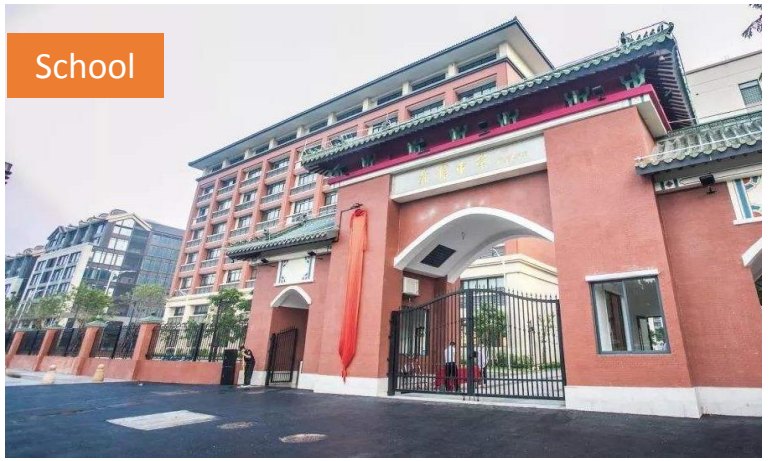
- Support 4K, h.265 encode
- Multi devices management, Real-time preview, face application, attendance
- Support private protocol connection
- Up to 64 screen browsing, 9 channels playback
- Support abnormal temperature alarm linkage image pop-up screen
- Database backup and recovery, Manage fae databse of all front device

Tripod

- Highly：71.5cm-206cm
- Bearing：5kg
- Receive length：71.5cm
- Material：Aluminum alloy+ABS
- Interface：1/4 inch (6.3mm)
- Weight 2.4kg
- Yuntai type：Hydraulic damping

Typical Application

The products can be widely used in bus station, railway station, airport, schools, communitie and shopping center etc., where there are many people traffic, and need to do rapid temperature screening.



THANK YOU

SHENZHEN SECUMATE TECHNOLOGY CO.,LTD

Address: Building 2, Long Bi Industrial Zone, Ban Tian, Long Gang District, Shenzhen, China
Tel: +86 755 28748349 FAX: +86 755 28748349
Email: overseas@secumate.cn
Website: www.secumate.cn