

Temperature Screening and Face Recognition Kiosk (Attendance System)



SHENZHEN SECUMATE TECHNOLOGY CO.,LTD

WWW.SECUMATE.CN

One of the main symptoms of pandemic is an **abnormal body temperature**.

The normal body temperature ranges from 36.5 ° c to 37 ° c, and if it exceeds 37.3 ° c, it is possible pathological fever.

At present, the following difficulties are common in temperature measurement :

Low efficiency checking

At present, the detection method is single, mainly by contact infrared temperature gun, ear temperature gun and mercury thermometer, and the feedback time of temperature measurement results is longer. It is time-consuming and laborious when there are more people.

Risk of exposure to infection

Widely used hand-held body temperature gun, which requires close use for temperature measurement. Long-term contact, there is a risk of potential staff contact interference.

Single data information

No matter the enterprise or the family, the temperature information cannot carry on the data summary accumulation. And rely on artificial records of information is very limited, it is not conducive to later preservation, inspection and so on.

Installation Scenes

SecuMate®

Non-contact, safety-free

Sensitive detection, fast traffic

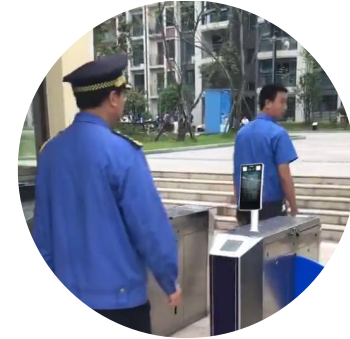
Flexible control, complete data



Community Entrance



School Entrance



Park Entrance



Office Entrance



Meeting Room

Temperature Screening and Facial Recognition Kiosk

SecuMate®

Non-contact kiosks which automatically read body temperature in seconds, with optional facial recognition. These kiosks are invaluable to carry out employee temperature checks, to help identify illnesses and avoid the spread of viruses.

Facial recognition can be used to allow entry to pre-vetted individuals and/or store temperature readings for a user. Setting your own threshold for temperature readings, the device will give a successful message or warning with traffic light style LED lights.

Designed as a high-tech access control measure, our kiosks are ideal for use on entry to healthcare settings, supermarkets and retail shops, factories, transport hubs, office buildings, schools and universities and more.

Function Descriptions:

- Non-contact, fully automated kiosk
- Measure temperature in ~ 1 second
- On screen message displays temperature reading alongside optional verbal message, and LED traffic light system
- Instant email alerts for abnormal temperature readings or individuals not wearing a mask
- Abnormal temperature trigger alarm output
- Automatic ID badge printing for staff and visitors
- Set your own acceptable temperature thresholds
- Integrate with gates, turnstiles and door access
- Optional facial recognition to recognise and allow entry to vetted individuals within the facial database
- Plug and play solution – works standalone out of the box with only power required
- Access and export your logs to excel
- 2-years Warranty Time





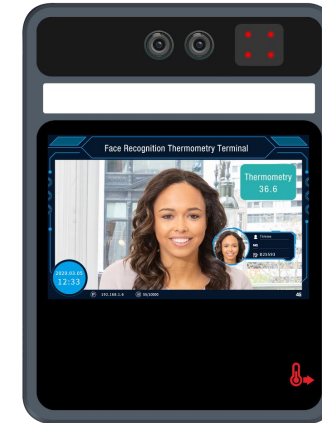
Model: SE-WH5001FE

- 7 inch Forehead Temperature Measurement Kiosk with 7 inch IPS Screen
- Detection distance : 30-70cm by Forehead
- Accuracy : $\pm 0.3^{\circ}\text{C}$
- Measurement time : $\leq 1\text{s}$
- Temperature detection range : $20^{\circ}\text{C}-42^{\circ}\text{C}$
- 2ch alarm input/2ch alarm output



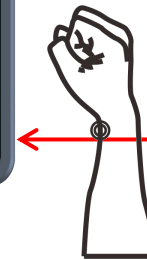
Model: SE-WH5002FE

- 5 inch Forehead Temperature Measurement Kiosk with 5 inch IPS Screen
- Detection distance : 30-60cm by Forehead
- Accuracy : $\pm 0.3^{\circ}\text{C}$
- Measurement time : $\leq 1\text{s}$
- Temperature detection range : $20^{\circ}\text{C}-42^{\circ}\text{C}$]
- 1ch alarm input/1ch alarm output



Model: SE-WH5003FE

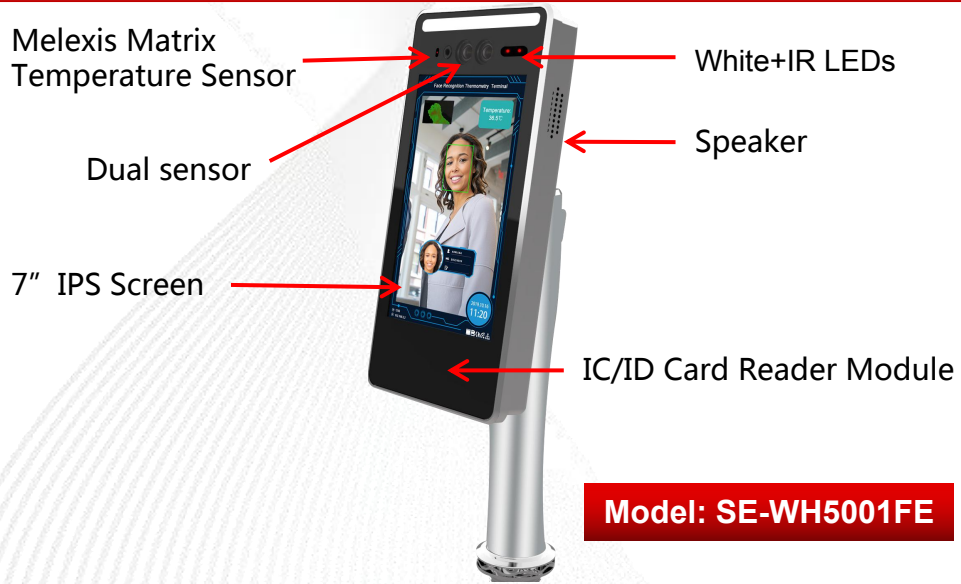
- 5 inch **Wrist** Temperature Measurement Kiosk with 5 inch IPS Screen
- Detection distance : 1-3cm by Wrist
- Accuracy : $\pm 0.3^{\circ}\text{C}$
- Measurement time : $\leq 1\text{s}$
- Temperature detection range : $20^{\circ}\text{C}-42^{\circ}\text{C}$
- 1ch alarm input/1ch alarm output



To measure the Temperature by wrist

7 inch Forehead Temperature Screening and Face Recognition Kiosk

SecuMate®



Model: SE-WH5001FE

- Industrial Linux system for high stability
- Melexis top end matrix temperature sensor
- Detection distance : 30-70cm by **Forehead**
- Accuracy : $\pm 0.3^{\circ}\text{C}$, Measurement time : $\leq 1\text{s}$
- Temperature detection range : 20°C - 42°C
- Mask wear and Liveness detection
- WIFI, ID/IC card reader module optional
- 2ch Alarm input/2ch alarm output
- Face Recognition, 10,000 face database capacity, support to storage 100,000 traffic records
- Access control by Face recognition, Attendance by Face recognition
- Email alert for abnormal temperature, high temperature, Mask and Helmet wear detection trigger alarm output
- Mobile APP and IMS software with temperature push alarm notification
- Privacy model without showing/Saving face and temperature data, comply with GDPR rule.



Turnstile installation

Hole size on turnstile top cover: $\text{Ø}40\text{mm}(\pm 2)$



Desktop bracket
Model: 5001-Desk



Floor Stand bracket
Model: 5001-STAND-B

Floor stand bracket
Lenth: 1~1.5m adjustable;
Materials: High quality steel;
the base support to fix on floor by screws

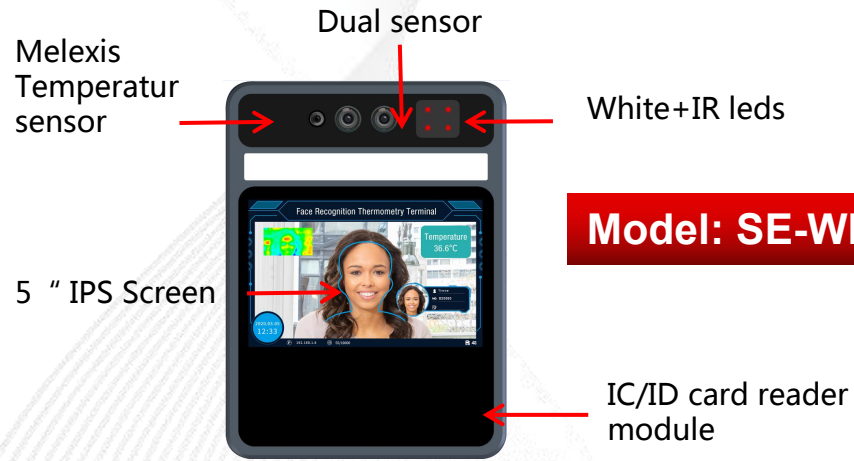


Floor Stand bracket
Model: 5001-STAND-A

Materials: High quality stell.
With LED, with Network port and tranfer port,
Support dual USB port,
Support DC12V power lead cable
0.5/0.8/1.1meters length optional

5 inch Forehead Temperature Screening and Face Recognition Kiosk

SecuMate®



Model: SE-WH5002FE

- Industrial Linux system for high stability
- Melexis top end matrix temperature sensor
- Detection distance : 30-60cm by Forehead
- Accuracy : $\pm 0.3^{\circ}\text{C}$, Measurement time : $\leq 1\text{s}$
- Temperature detection range : 20°C - 42°C
- Mask wear and Liveness detection
- WIFI, ID/IC card reader module optional
- 1ch alarm input/1ch alarm output
- Face Recognition, 10,000 face database capacity, support to storage 100,000 traffic records
- Access control by Face recognition, Attendance by Face recognition
- Email alert for abnormal temperature, high temperature, Mask and Helmet wear detection trigger alarm output
- Mobile APP and IMS software with temperature push alarm notification
- Privacy model without showing/Saving face and temperature data, comply with GDPR rule.



Wall mount bracket

Wall junction box installation

Bracket installation



Desktop bracket

Material : aerometal

28-43cm height-adjustable

360° Horizontal and 90° vertical rotatable

Base diameter: 10cm



Stand floor bracket

Material : high quality steel

Height-adjustable: 1-1.5m

Cross arm: 25cm

support base screw fixed

5 inch Wrist Temperature Measurement and Face Recognition Kiosk

SecuMate®



Model: SE-WH5003FE

- Industrial Linux system for high stability
- Melexis top end matrix temperature sensor
- Detection distance : 1-3cm by **Wrist**
- Accuracy : $\pm 0.3^{\circ}\text{C}$, Measurement time : $\leq 1\text{s}$
- Temperature detection range : 20°C - 42°C
- Mask wear and Liveness detection
- WIFI, ID/IC card reader module optional
- 1ch alarm input/1ch alarm output
- Face Recognition, 10,000 face database capacity, support to storage 100,000 traffic records
- Access control by Face recognition, Attendance by Face recognition
- Email alert for abnormal temperature, high temperature, Mask and Helmet wear detection trigger alarm output
- Mobile APP and IMS software with temperature push alarm notification
- Privacy model without showing/Saving face and temperature data, comply with GDPR rule.



Wall mount bracket

86 junction box installation

Bracket installation



Desktop bracket

Material : aerometal

28-43cm height-adjustable

360° Horizontal and 90° vertical rotatable

Base diameter: 10cm



Stand floor bracket

Material : high quality steel

Height-adjustable: 1-1.5m

Cross arm: 25cm

support base screw fixed

Simple and Easy deployment

SecuMate®



PC Web

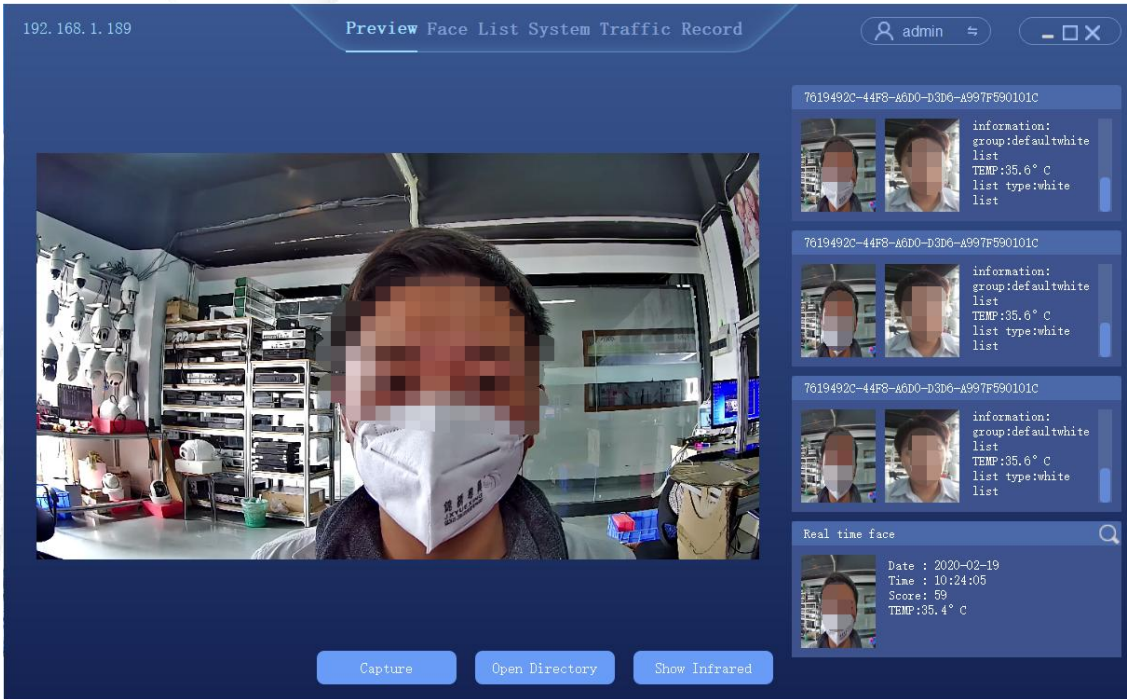


Application

These products are designed as a high-tech access control measure, our kiosks are ideal for use on entry to healthcare settings, supermarkets and retail shops, factories, transport hubs, office buildings, schools and universities and more.

Value

1. Quick deployment: Floor Stand installation, Desktop installation, Wall mount etc., Off-line testing and Work standalone for temperature measurement
2. Multi check methods : Thermometry, Mask check+Thermometry, Face, Recognition+Thermometry
3. Abnormal temperature trigger email, light/voice alarm output
4. To storage 100,000 access records,
5. Information binding: People face picture + Temperature information+Time



Single device support 10,000 face database, and storage 100,000 access records

Support to check and retrieval all people pass record, temperature information, face recognition results, abnormal temperature information, and also export the log into excel file

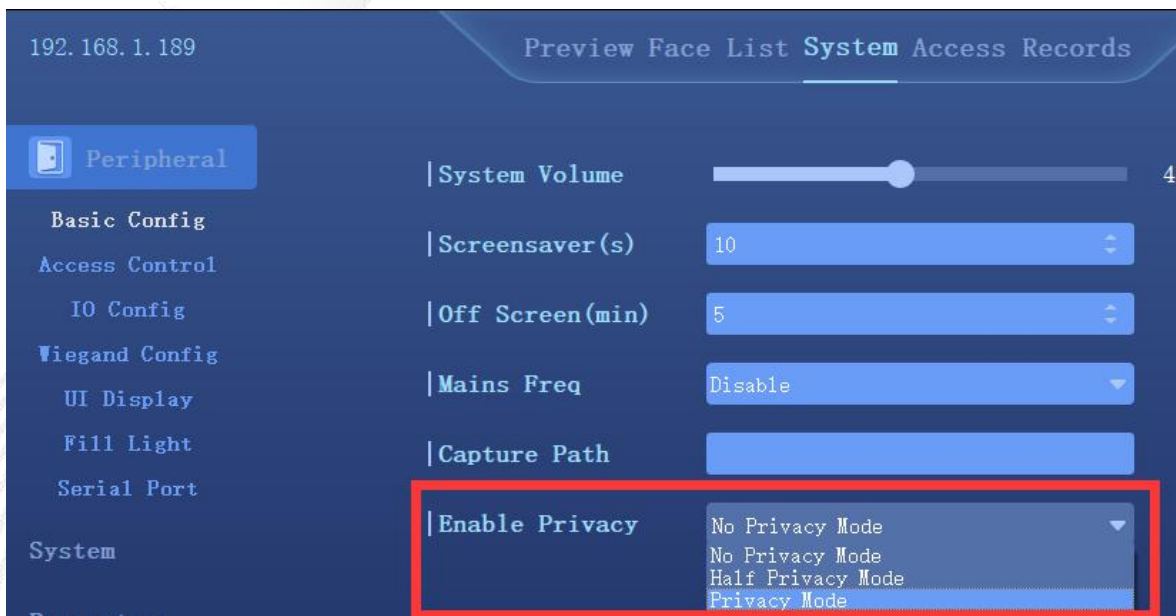


Real-time HD Preview

Display of Facial recognition results, Captured face picture

Display of Temperature (Warning of Abnormal Temperature)

No	Picture	Template	Time	Similarity	In Out Type	Auth Traffic	ID	Name
171			2020-02-19 10:25:48	75	Normal	authorized	7619492C-44F8-A6D0-D3D6-A997F590101C	
172			2020-02-19 10:25:49	74	Normal	authorized	7619492C-44F8-A6D0-D3D6-A997F590101C	
173			2020-02-19 10:25:49	75	Normal	authorized	7619492C-44F8-A6D0-D3D6-A997F590101C	
174			2020-02-19 10:25:49	80	Normal	authorized	7619492C-44F8-A6D0-D3D6-A997F590101C	



Multi Privacy Mode to protect privacy

No Privacy Mode: The device will capture and display the people face picture in preview, and storage the picture in the access log

Half Privacy Mode: The device will ONLY capture and display the people face picture in preview who has high temperature, and ONLY storage the picture who has high temperature. For people with normal temperature, the device will not storage face picture.

Privacy Mode: The device will NOT capture and storage any face picture

Temperature status in Preview available to setup

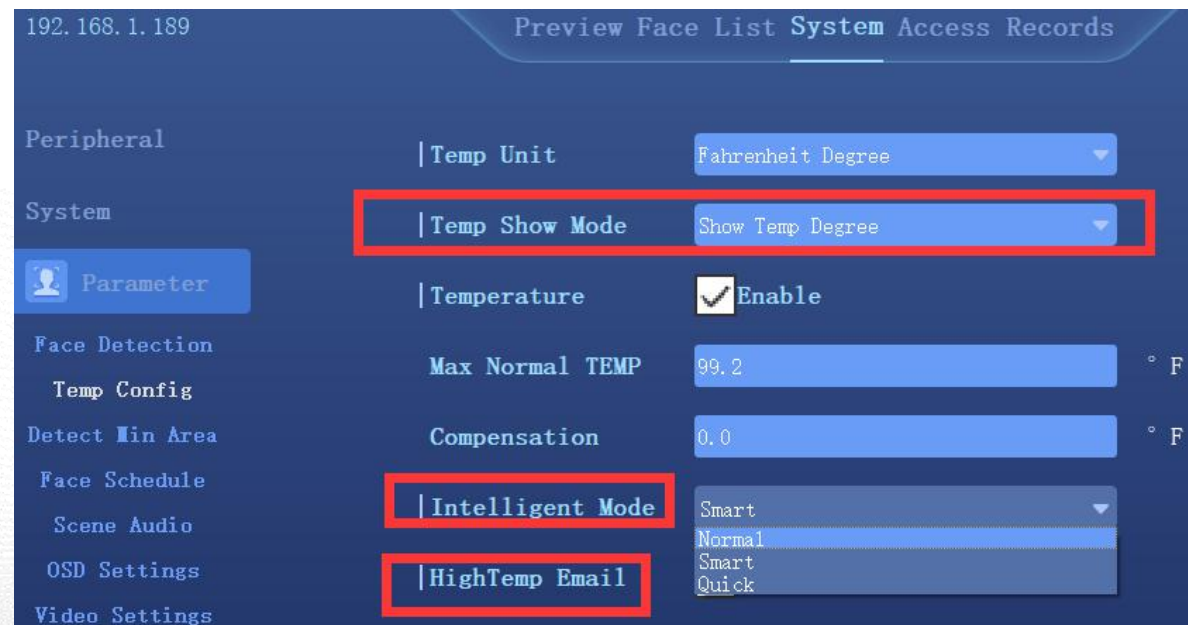
For privacy, to show temperature value or show temperature status is available to setup.

Different modes to read temperature

Quick mode to measure the temperature in the quickest way, which is suitable for the location where the temperature condition is stable

Smart mode to measure the temperature in the best accuracy way, which is suitable for the location where the temperature condition and light condition is not stable

High temperature trigger Email Notification





Temporary monitor Device



Fixed installation Device



IMS Management Software

Applications

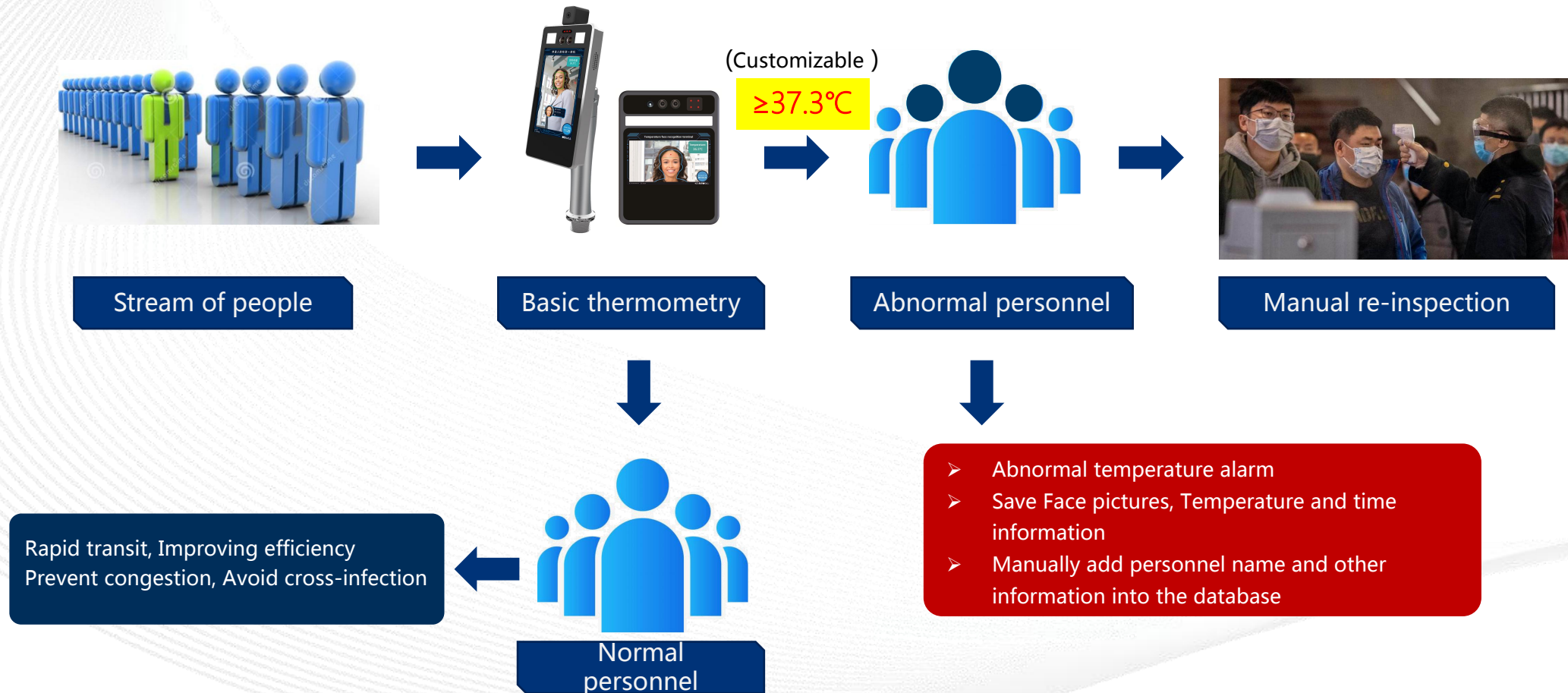
Suitable for permanent staff which need to do attendance statistics , such as community, apartments, schools, small and medium-sized enterprises, etc. It should be installed to the indoor or outdoor canopy environment.

Solution value

1. Quick deployment: Floor Stand installation, Desktop installation, Wall mount etc., Off-line testing and Work standalone for temperature measurement
2. Multi check methods : Thermometry, Mask check+Thermometry, Face, Recognition+Thermometry
3. Abnormal temperature trigger light/voice alarm output
4. To storage 100,000 traffic records,
5. Information binding: People face picture + Temperature information+Time
6. Support staff attendance management, flexible shift arrangement, attendance report automatically generated

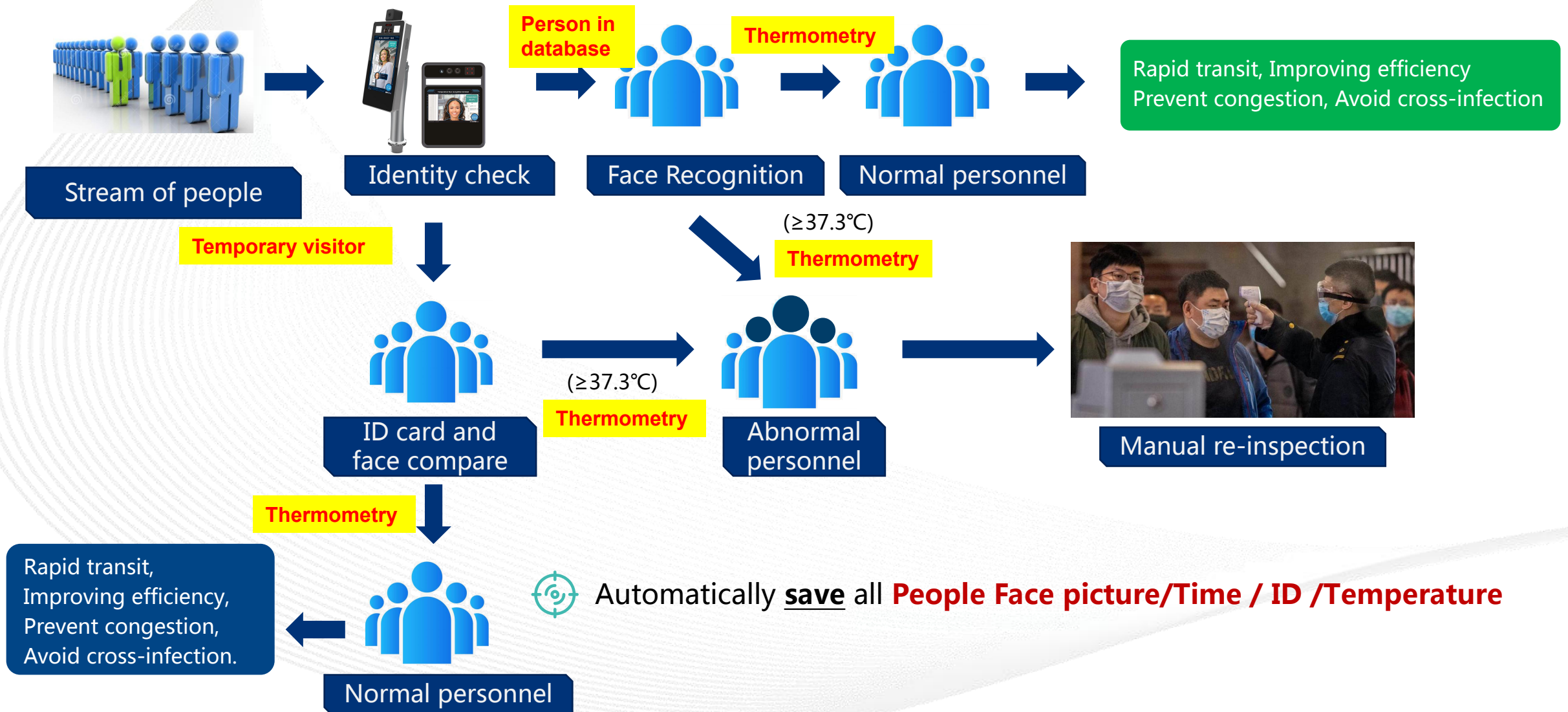
Application 1 : Rapid transit, Basic Temperature Screening

Recommended scenario: For use on entry to healthcare settings, supermarkets and retail shops, factories, transport hubs, office buildings, schools and universities and more.etc.



Application 2 : Identity Verification, Basic Temperature Screening

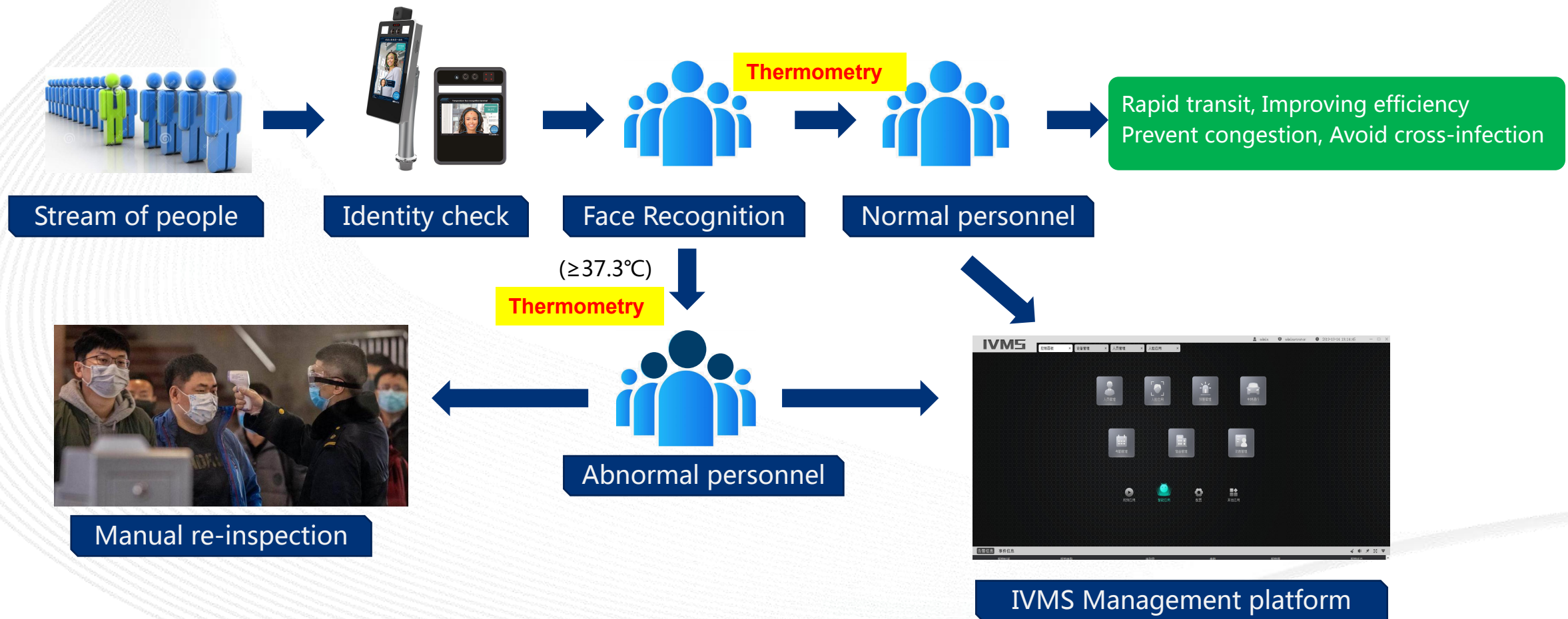
Recommended scenario : Access scenes requiring strict identity checks , Such as community, Office buildings, station etc.



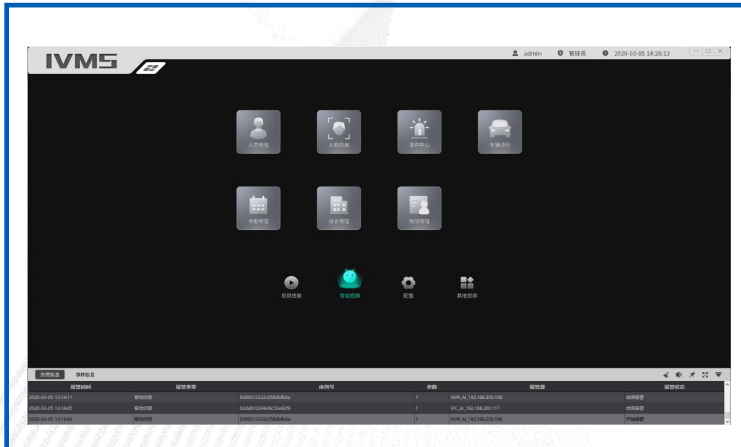
Application 3: Temperature Measurement & Facial Recognition Attendance

SecuMate®

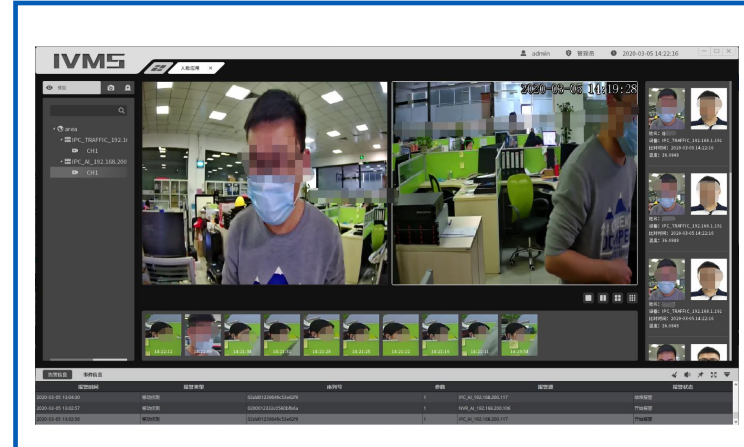
Recommended scenario : No contact Temperature Measurement & Attendance , Such as small companies, schools, hospitals etc.



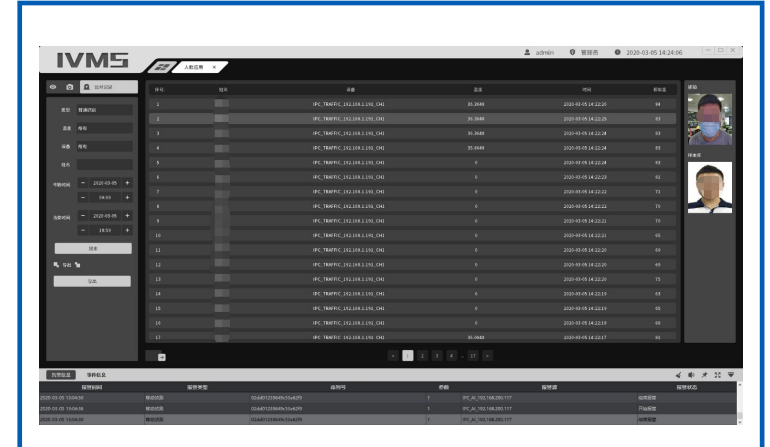
Automatically save all people face/Temperature/Time information, the Attendance statistics report form be made in IMS.



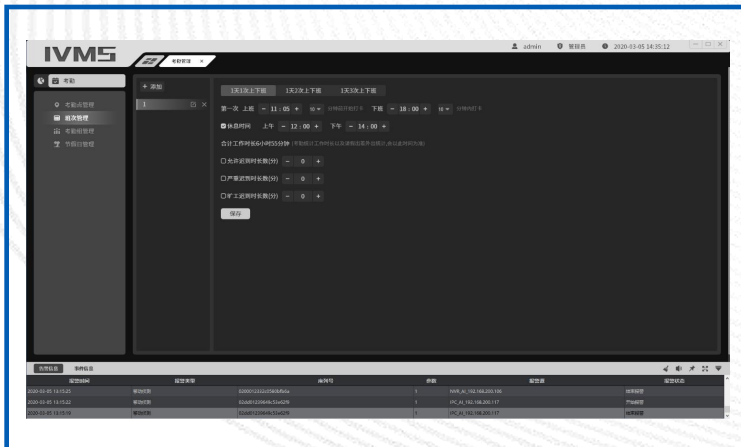
Intelligent Function



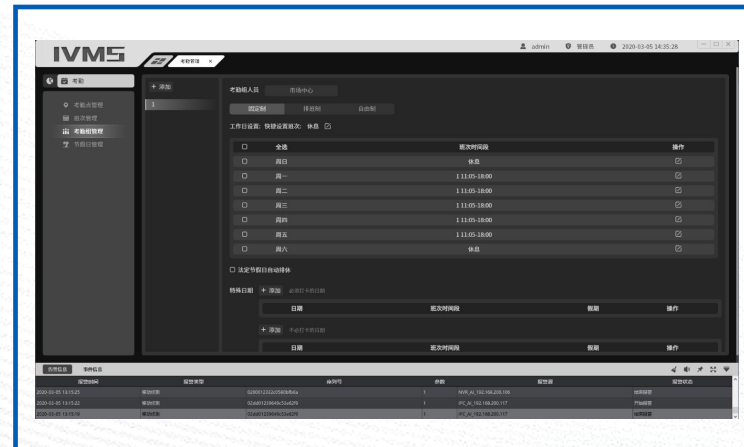
Face data preview



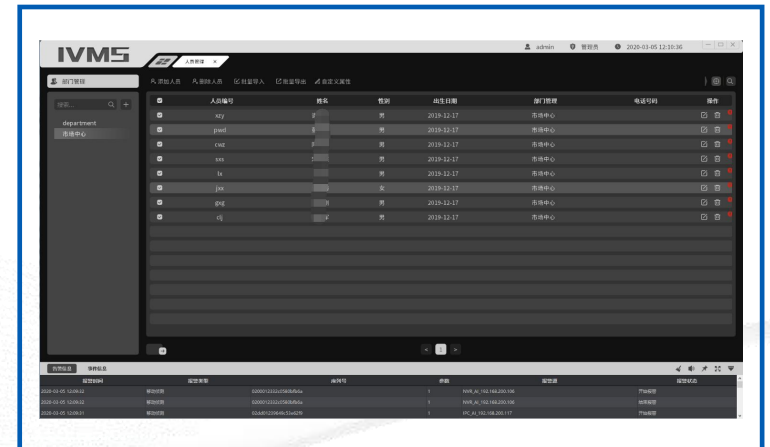
Recognition data search



Attendance divisions management



Attendance group management



Database management

Frequently asked questions

1. What system do the kiosks run?

----The kiosks run Industrial Linux system

2. Does it scan overall body temperature?

----The kiosk (SE-WH5001FE and SE-WH5002FE) reads the temperature of the skin on the user's forehead, and the model SE-WH5003FE reads the temperature of the skin on the user's wrist.

3. Is there any interaction required?

----- The kiosks are completely non-contact and automated. Activated as the user approaches, the kiosk reads their temperature and matches their face to the database automatically. The user does not have to touch the device.

4. Are the kiosks CE FCC approved?

----Yes, they are CE and FCC approved.

5. Are the devices medically certified?

----The kiosk is not categorised as medical device and therefore it only requires CE FCC certification, which it has. The device is designed for mass vetting for users. Users that show abnormal temperature readings, should seek measurement with medical thermometers and medical advice.

6. Can the device be integrated with other systems through API?

----Yes, we could provide API

7. Does the device support to customize language menu and brand with logo?

----Yes, we could provide language file to translate, and we can brand logo on hardware and software.

8. Are you manufacturer? And delivery time?

----Yes, manufacturer in Shenzhen of China. Within 3 days after payment.

9. Any Warranty time?

----Two years



THANK YOU

SHENZHEN SECUMATE TECHNOLOGY CO.,LTD