

Thermometry



Epidemic Prevention Solutions



Demand Analysis

“One of the main symptoms of a viral infection 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 a true pathological fever.

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

Low efficiency detection

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.

Product Introduction

(non-contact) temperature detector, can achieve rapid preliminary temperature screening of people passing through.

In response to the epidemic prevention and control, Our R&D team actively improved and upgraded the original technology or scheme, especially upgrade the iterative **face recognition** technology and automatic infrared face temperature measurement technology, on the basis of face recognition, at the same time, the recognized personnel can be **accurate forehead / Wrist temperature measurement and abnormal temperature alarm**, the equipment can automatically save the face map record, **temperature record**, pass time record, name, ID card information record, etc.

VL-F07FEW



VL-F05FEW



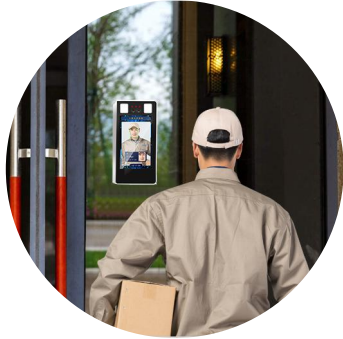
VL-W05FEW

Applications

Non-contact, safety-free

Sensitive detection, fast traffic

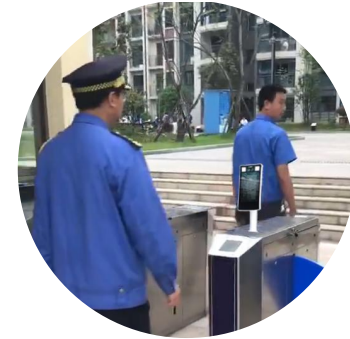
Flexible control, complete data



Community Entrance



School Entrance



Park Entrance

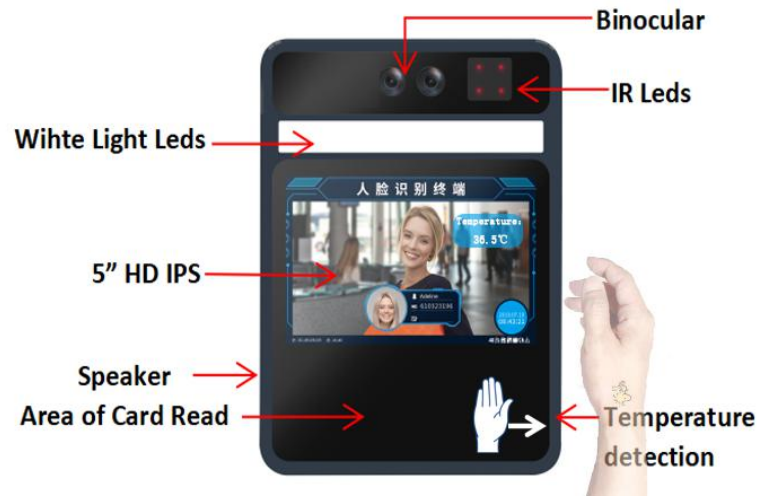


Office Entrance



Meeting Room

Product Description -- Face recognition & Thermometry Terminal



5" HD IPS



7" HD IPS

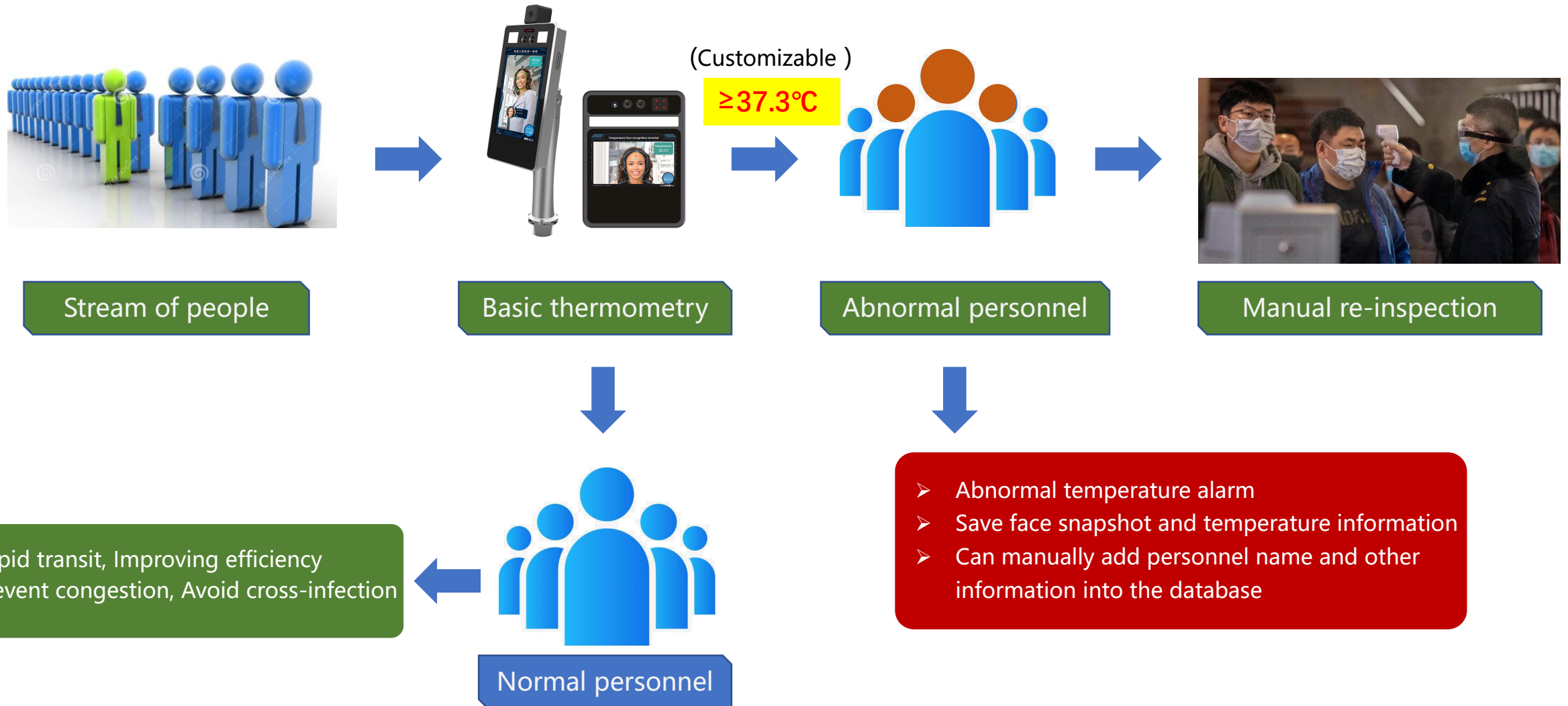
- Embedded Linux OS
- Living face detection & recognition
- 10000 face library, Voice broadcast
- WIFI wireless transmission
- ID / IC card reader optional
- Alarm Output / Wagen Output

- **Thermometry range: 34°C-42°C**
- **Thermometry accuracy: $\pm 0.4^\circ\text{C}$**
- **Thermometry time: $\leq 1\text{s}$**
- **Thermometry distance: 2-5cm [Point Wrist] / 25-35cm [Point Forehead] / 25-45cm [Matrix Forehead]**

- Embedded Linux OS
- Living face detection & recognition
- 10000 face library, Voice broadcast
- 4G / WIFI / GPS optional
- ID / IC card reader optional
- Alarm Output / Wagen Output

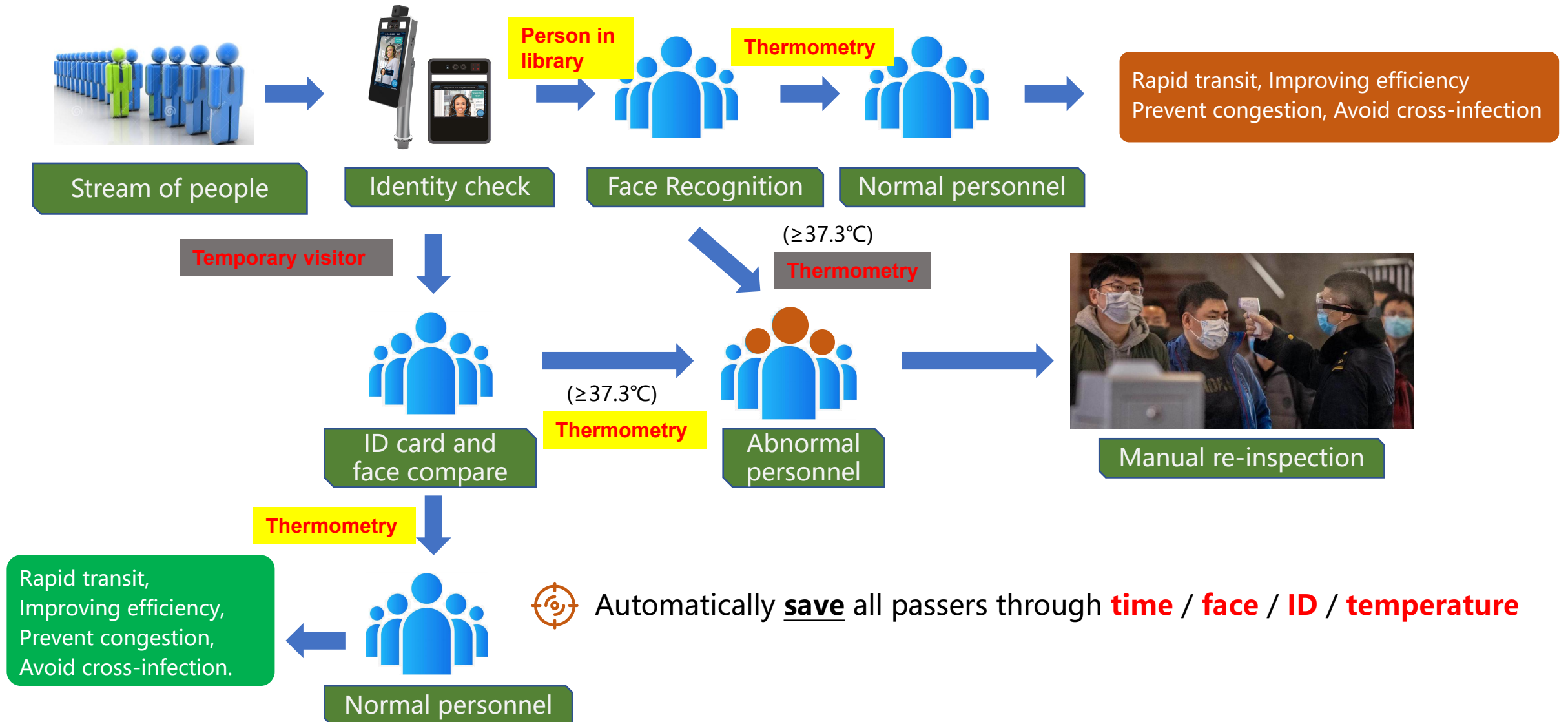
Application 1: **Rapid transit**, Basic thermometry

Recommended scenario : Open scenes without strict identity checks , Such as supermarket, shopping mall, park etc.



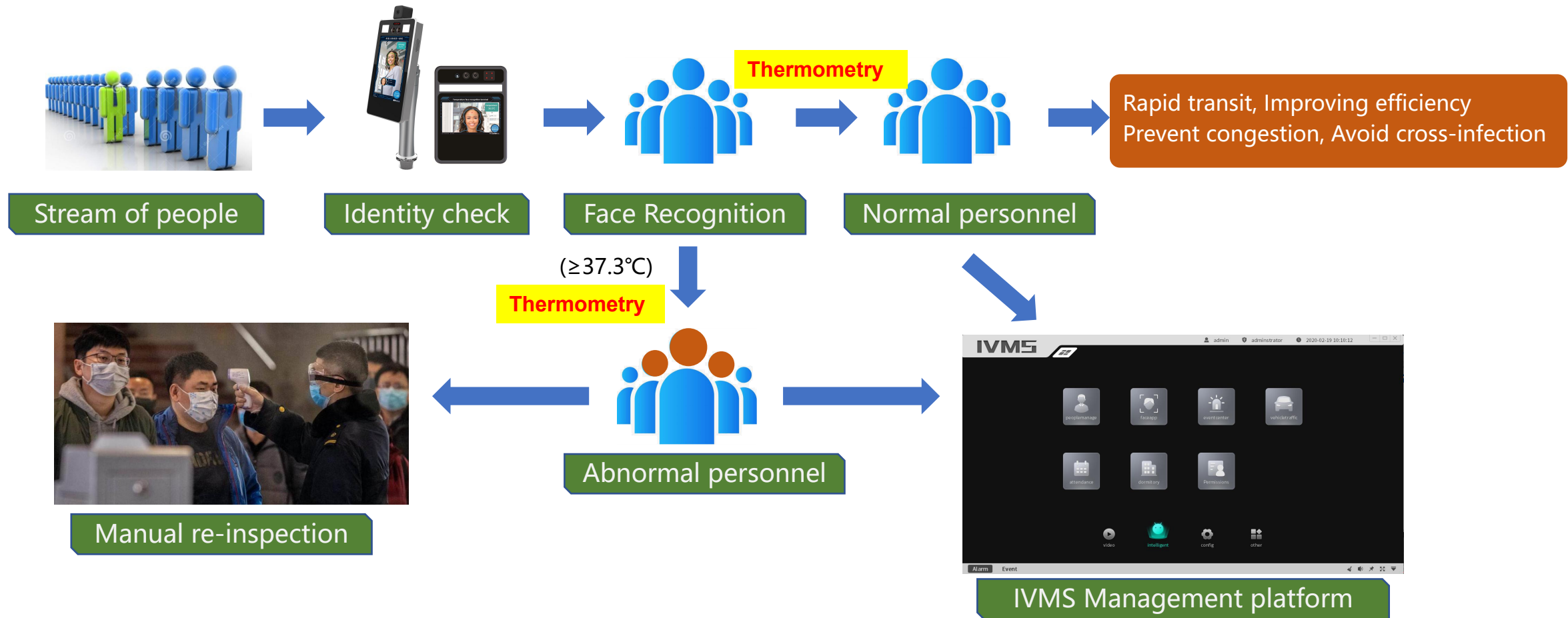
Application 2: **Identity verification**, Basic thermometry

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



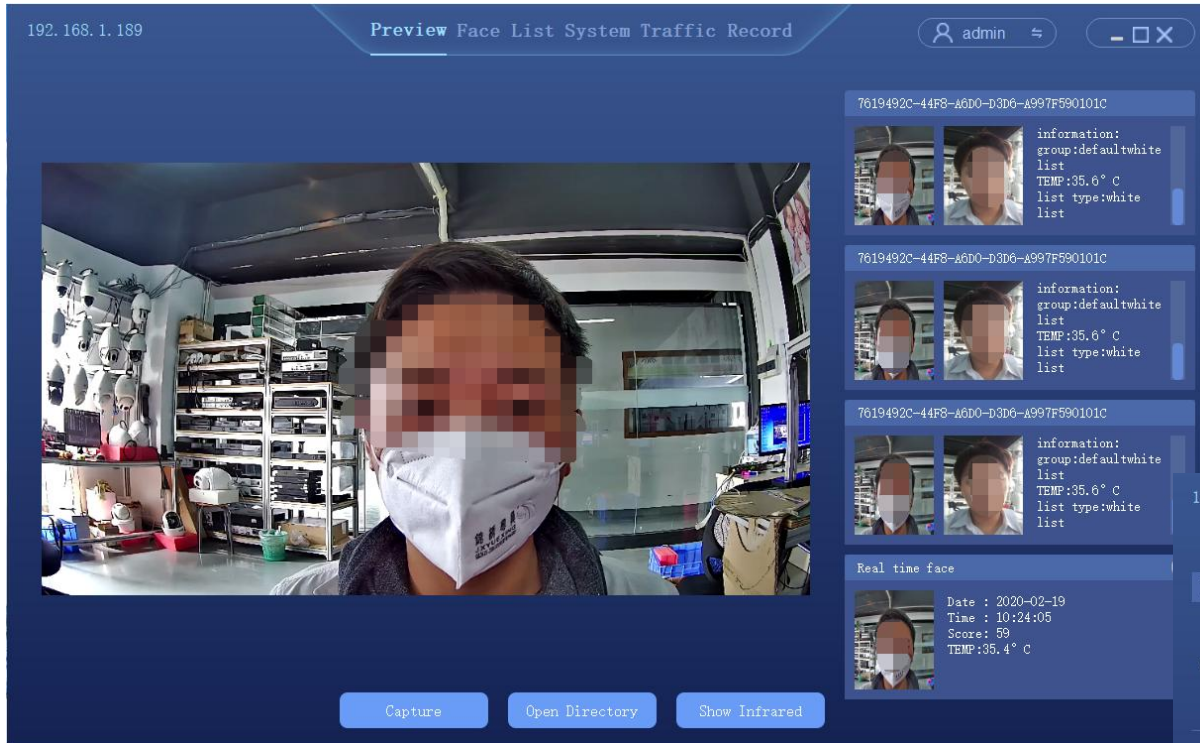
Application 3: Face Recognition Thermometry & Attendance

Recommended scenario: No contact for thermometry & attendance, Such as small companies, schools, hospitals etc.



Automatically **save** all passers through **time / face / ID / temperature**, the **personnel attendance statistics report form** be made in IVMS.

Device management tools



Single device can store 100,000 records

All personnel pass record, temperature information, identity information, temperature abnormality personnel quick retrieval, summary export report



Real-time HD Image Preview

Identity information, scene snapshot/identification

Display of temperature information (warning of temperature exceeding)

192.168.1.189 Preview Face List System Traffic Record admin

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	

Total 177 Page No 18/18 18 Export Return

INSTALL BRACKETS



5" WALL MOUNT



5" FLOOR MOUNT



7" WALL MOUNT