

**THERMSCAN**



# Temperature Scanner With Built-in Facial Recognition



## 7"Face Recognition Forehead Temperature Measuring Terminal

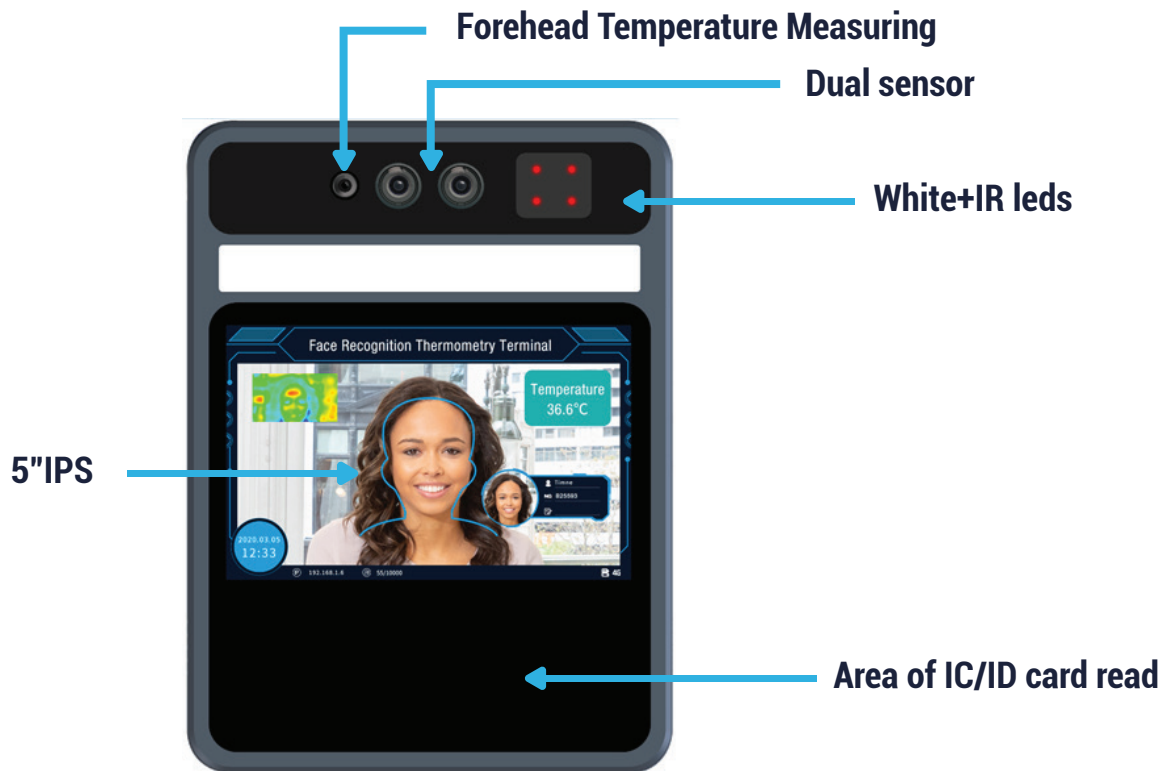


## Features

- Thermometry Range : 34°C-42°C
- Accuracy : ±0.3°C
- Thermometry Time : ≤1s
- Distance : 30-45cm (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
- Real-time temperature display, High temperature alarm
- Face recognition + temperature record can be checked, store no less than 10W records
- Support stranger id card verification pass



## 5" Face Recognition Forehead Temperature Measuring Terminal



## Features

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## Wall mount installation

- 86 junction box installation
- Bracket installation



## Ground installation

### Material

- High Quality Steel
- 1-1.5m Height-adjustable
- Support Base Screw Fixed

# Simple & Easy Deployment

# THERMSCAN



Temporary monitor channel



IVMS management platform



Fixed installation Device

## Applications

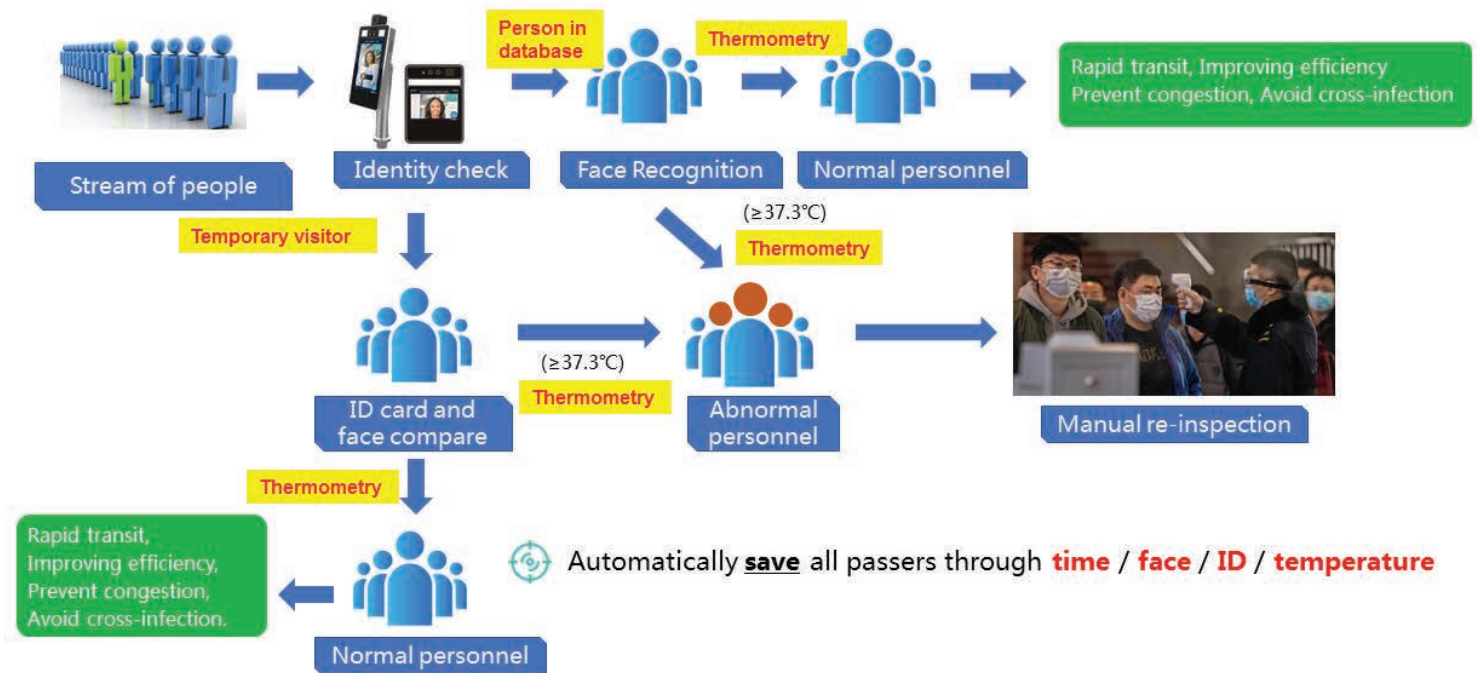
Suitable for permanent staff which need to do attendance statistics, such as community, apartments, schools, small and medium-sized enterprises, etc. It should be installed to the indoor or outdoor canopy environment.

## Solution Value

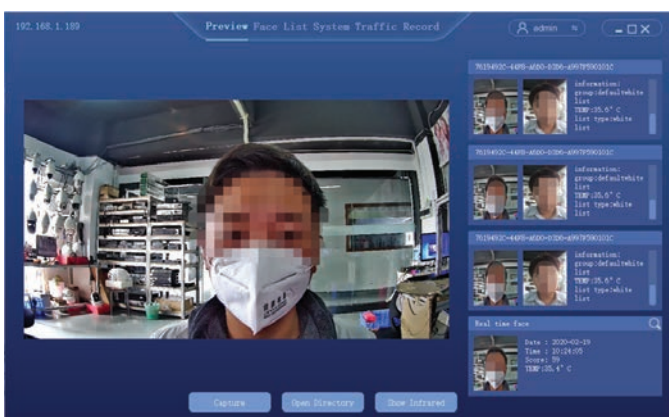
1. Quick deployment: floor installation, electrical box, off-line testing
2. Multi check methods: thermometry, recognition + thermometry, human check + thermometry
3. Non-contact: up to 40 cm
4. Record: single device can store 10 w records
5. Information binding: face captured picture + temperature information real-time recording
6. Support staff attendance management, flexible shift arrangement, attendance report automatically generated.

## Application 1 : Identity Verification, Basic Thermometry

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



## PC version 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



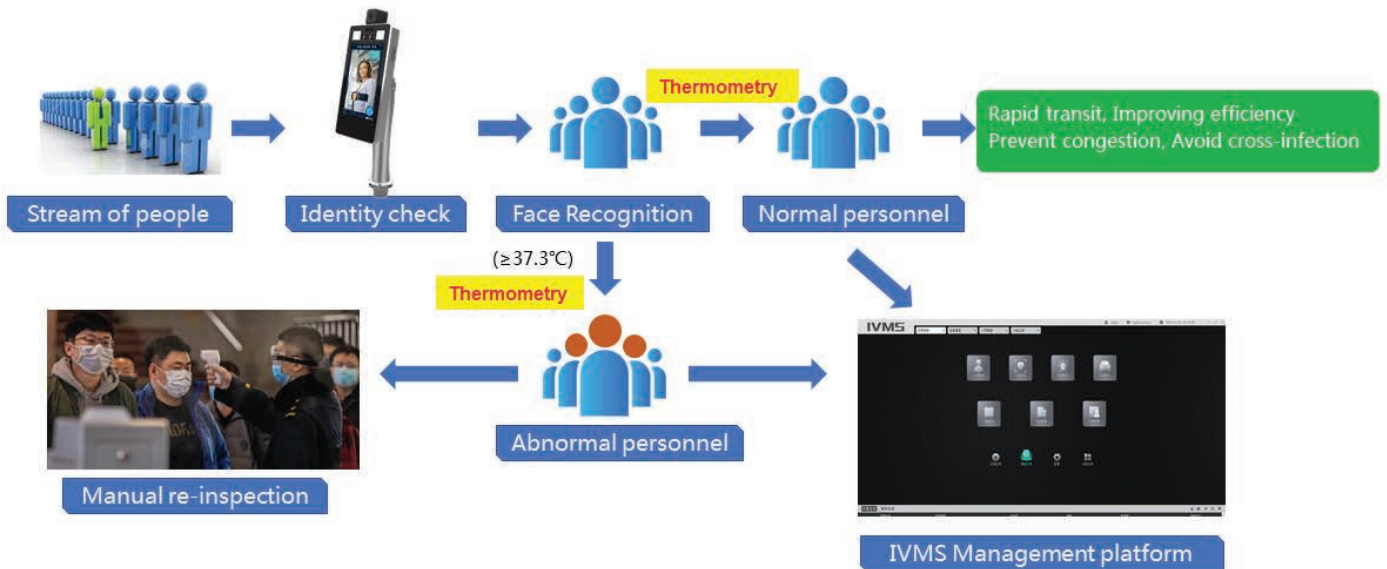
Real-time HD Image Preview

Identity information, scene snapshot / identification Display of temperature information (**warning of temperature exceeding**)



## Application 2: 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.

## IVMS Management Platform

The IVMS Management Platform interface includes the following features:

- Intelligent Function**: Main dashboard with navigation icons.
- Face data preview**: Real-time video feed with face recognition overlays.
- Recognition data search**: Searchable table of recognition events.
- Attendance divisions management**: Management of attendance divisions.
- Attendance group management**: Management of attendance groups.
- Database management**: Management of the system database.



DISPLAY	
Dimensions	: 7" full-angle IPS LCD screen
Resolution	: 1280 x 720
CAMERA	
Type	: Dual Camera
Sensor	: 1/2.8" SONY starlight CMOS
Resolution	: 1080P @ 30fps
Lens	: 3.6mm x 2
TEMPERATURE MEASUREMENT	
Measuring Area	: Forehead
Temperature Range	: 34°C to 42°C
Measuring Distance	: 0.3 to 0.45m
Accuracy	: ± 0.3°C
Response Time	: ≤ 1 sec
FACE RECOGNITION	
Detection type	: AI Built In Facial Recognition
Detection distance	: 0.3 to 1.3m, support : detection target size : filter adjustment
Recognize face size	: Pupils distance ≥ 60 pixels; : Face pixel ≥ 150 pixels
Data capacity	: Built-in ≤ 10000 faces; : support black/white list
Posture	: Within 20° angle
Occlusion	: Ordinary glasses or hair will : not affect recognition : function.
Facial expression	: Regular expression
Detection time	: ≤ 1 sec
Face exposure	: Support
Local exposure	: Support storage of 100,000 : records, Face capture : accuracy ≥ 99%
Recognition area	: Full image, Area of interest
Upload Method	: TCP, FTP, HTTP, API function : calling upload

NETWORK FUNCTIONS	
Network protocol	: IPv4, TCP/IP, NTP, FTP, HTTP
Interface Protocol	: ONVIF, RTSP
Authorization	: Username and password
Event linkage	: TF card storage, FTP upload, : alarm output linkage, : Wiegand output linkage, : voice broadcast
System Upgrade	: Support remote upgrade
Other	: -
ACCESSORIES	
Secondary lighting	: IR light, LED white light
Identification Module	: - Support built-in IC card : reader module (Optional) : - Support built-in ID card : reader module (Optional)
Audio output	: Match identification, high : temperature (Alarm)
Network Module	: Support built-in 4G module : (Optional)
INTERFACE	
Network Interface	: RJ45 10M/100M Network : Adaptation
Alarm Input	: 2 channels
Alarm Output	: 2 channels
RS485 Interface	: Yes
TF Card Slot	: Supports up to 128G of : local storage
USB	: Yes
Wiegand Interface	: Support Wiegand 26, 34, : 66 protocols
Reset Button	: Yes
Sim Card Slot	: Optional
GENERAL	
Operating Temperature	: -20°C to 60°C
Relative Humidity	: 0% to 90%
Protection Level	: IP66
Power Supply	: 12 VDC
Power dissipation (maximum)	: ≤ 12 W
Dimensions (mm)	: 406mm(H) x 120mm(W)
Installation Method	: Wall mount / Stand mount / : Barrier

