Face Identification Attendance Infrared Temperature Measurement!

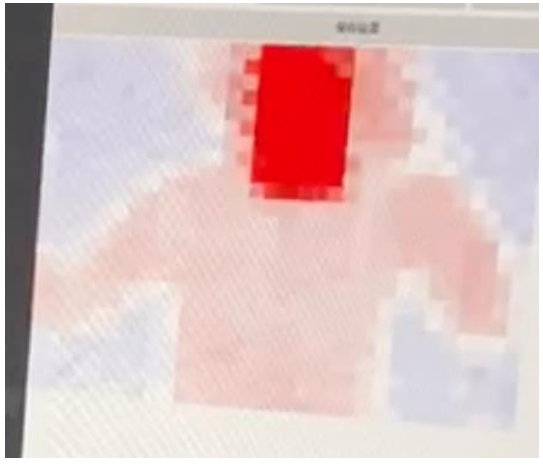
Typical Application of Infrared Body Temperature Detection

thermal imaging

384*288 Image Effect

Intelligent analysis available

Infrared Multipoint



32*24 Array effects

Be outline

Infrared Single point

Typical application of fronta
l-temperature gun

Temperature information at a point

Because of its non-contact high efficiency and precision, the products designed using the principl
e of infrared thermal imaging thermometry have been widely used in various industries, especially
in the body temperature screening unique advantages

Problems encountered

1

- Slow traffic and long qu eues increase the risk of cross-infection

2

- It is difficult to check the p erson's true information w hen wearing the mask

3

- Handwritten registration paper forms, slow registration, difficu lt to query
- Manual records are error pron e, paper files are easily lost an d damaged
- Access Records Hard to Trac e

4

- Need for dedicated post
- Long-term duty required
- Increased exposure of st aff
- Increased staff strength

Our strengths

1

- Non-contact body temperature, rapid passage, reduce queue time, reduce the risk of cross-infection
- Temperature detection distance：0.5~3M
- Temperature accuracy ： ±0.1-±0.5℃
- Face Recognition Distance：0.8-3M

2

- Quick and accurate identification of personnel wearing masks
- Binocular camera, automatic lighting
- Real-time monitoring of body temperature alarm, body temperature monitoring function, normal passage of body temperature, abnormal body temperature prohibited, and acousto-optic reminders, voice broadcast
- Binocular in vivo detection to prevent photos from into the reporting function

3

- Automatically stores information
- Automatic storage of snaps real-time photo traffic records containing body temperature data
- Access records are available at any time to check the cloud platform unified management of access
- White list, blacklist, stranger, real-time photo capture, data real-time upload to the platform

4

- Reduction in staff strength
- Reducing infection risk
- Field temperature measurement data and photos real-time upload, data traceability!

Our Product

Multi-function face recognition body temperature detection machine (verification terminal)

The multi-function face recognition and body temperature detection machine (ID card verification and fingerprint module, optional) is an android-based rich and extensible terminal. It integrates the RFID card reader, fingerprint collection, face recognition, body temperature detection and so on, integrates the built-in resident ID card reader and fingerprint collector, runs the ID card fingerprint application algorithm V15.0 and the face recognition algorithm. Not only can we read the ID card information and verify the fingerprint, but also we can verify the "identity card in one" between the scene and the photo information of the ID card, and detect and record the user's temperature in real time. At the same time, because of its rich hardware interface (relay output, Weigan, RJ45, USB), it can meet the needs of users in different scenarios. 。

Ai

Face recognition

- recognition time < 0.3s
- No mask removed during identification
- 20000 face bank
- Binocular Deep Living Algorithm

Temperature

- Temperature detection distance 3M
- Temperature measurement accuracy less than **±0.5 ℃**
- Minimum temperature resolution 0.02℃
- Temperature measurement range 35℃~45℃
- response time 300ms

Cloud platform

- Automatic synchronized traffic records
- Pass records contain body temperature data
- Support for queries
- Multiple Smart Access
- Support access to WeChat

Multi-function face recognition body temperature detection machine

YOUFACE800H

- Face recognition function
- Body temperature detection
- ID reader
- Finger printer verification
- Certificate and human 1:1 verification
- Living detection

Reader, Fingerprint Identification Selection
Column Installation, Wall Installation Optional

学校 社区 办公室 电梯 考场 银行 出租屋 海关 电信 办公楼 建筑工地

Multi-function face recognition body temperature detection machine

RGB LED Light
Face detection switch on

infrared light

Aluminum crust, IP42

Item name user-defined

ID reader (optional)

Infrared temperature detection distance:0.3-1.8M, precision accuracy<0.5℃

binocular face recognition, living detection

Display Temperature, name,
Voice broadcast,high temperature warning
8inch HD screen, 1280*800

Face bank max 20 thousand

Finger print (optional)

column braket, wall braket (optional)

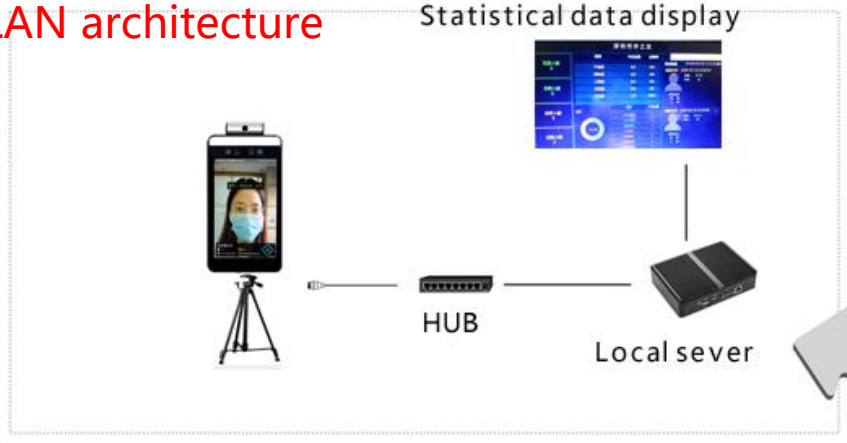
- Face recognition speed<0.3s;
- Face mask recognition rate95%以上;
- temperature measurement accuracye±0.1℃-±0.5℃;
- Abnormal body temperature equipment warning, blocking traffic;

Specification parameters

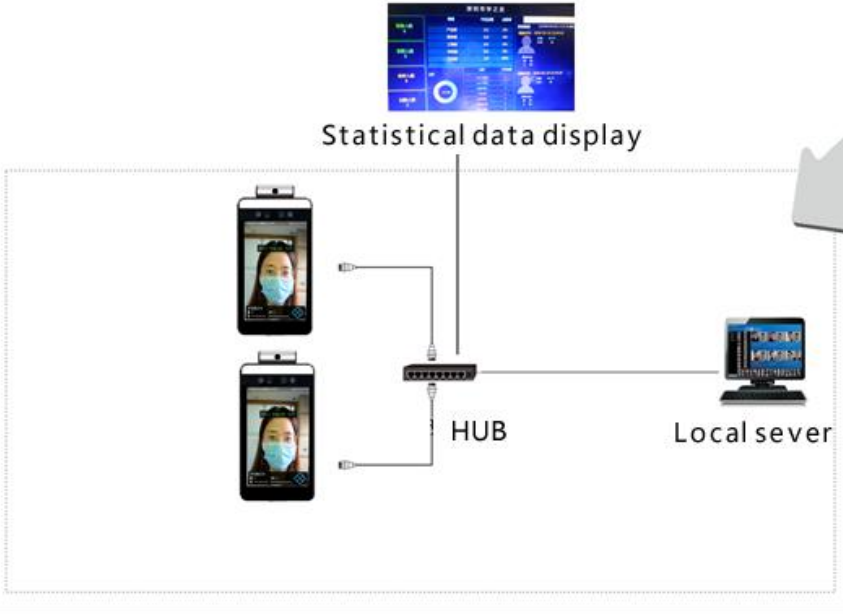
Multifunctional Face Recognition Body Temperature Detection			
Model：YOU FACE			
Model	YOU FACE800	YOU FACE800H	YOU FACE800HS
Infrared Temperature Module	no	Non-contact body te mperature testing	Non-contact body te mperature testing
Distance	no	0.3-0.8M	1-3M
temperature measurement accuracy	no	±0.3°C	±0.5°C
Temperature measurement range	no	35°C-45°C	35°C-45°C
temperature resolution	no	0.02°C	0.02°C
screen size	8 Inch，170°IPS LED		
camera	200W Pixel，dual camera		
Led light	LED		
CPU	RK3288/3399，six core ，2.0GHz		
store capacity	2G/4G， 8G/16G/32G(optional)		
face bank	max 20000		
Face Recognition Distance	0.3-3M		
communication mode	RS485、TCP/IP、WIFI		
Network module	wire、wireless（2.4GWi-Fi）		
Audio	1 audi（line out）		
Video	HDMI2.0 Type-A interface 1 个 MIPI		
face recognition	Support detection tracking 5 个人		
Comparison mode	1：1 / 1:N （NW10000）		
1：N face recognition	Top1 hit rate 99.99%		
1：1 comparison	99%以上		
Stranger testing	support		
Deployment mode	WAN、LAN		
levels of protection	IP42，—		
power	DC12V（±10%）		
Installation	Column mounted, wall mounted (optional)		
Equipment dimensions	130mm* 255mm* 25mm		

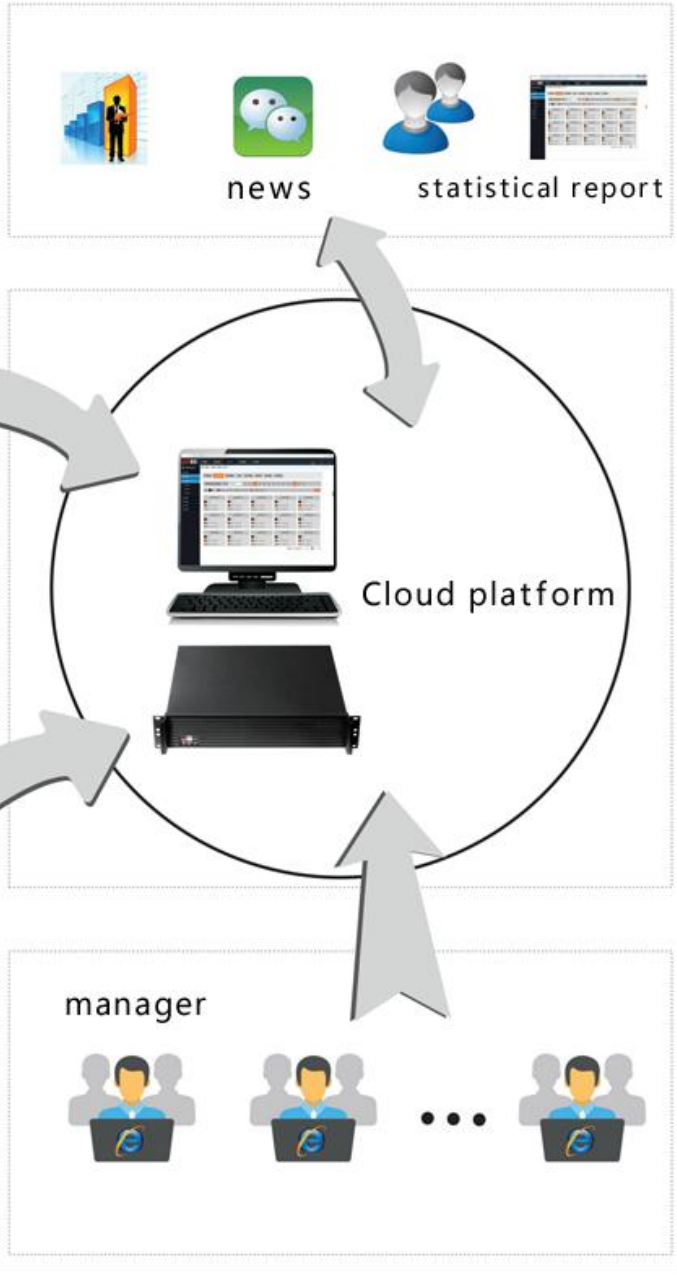
Management system architecture

一、LAN architecture



二、Cloud platform architecture





Real-time display of cloud platform monitoring information for management system

Cloud platform

- Attendance records
- Abnormal temperature alarm
- Support WeChat message notification
- The management platform can view people's traffic records in real time and capture photos in real time
- Report management, access record queries
- Docking third-party platforms

Real-time monitoring of large screens

- The real-time monitoring information of management platform can be output to large screen, which is convenient for staff to view in real time
- Real-time monitoring of personnel access information
- Real-time monitoring of body temperature and warning of high temperature
- Traffic statistics
- Real-time big data display, data traceability

Application scenarios

function

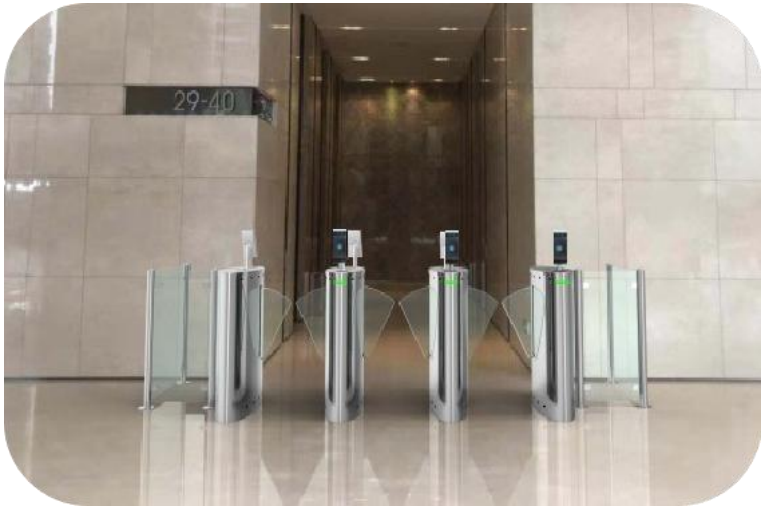
Face recognition terminal :

•Intelligent face recognition technology, safe and reliable

•Anti-counterfeiting technology for intelligent live detection

•Binocular recognition technology: day and night equally accurate

•Body temperature monitoring function, normal passage of body temperature, abnormal body temperature prohibited and acousto-optic warning

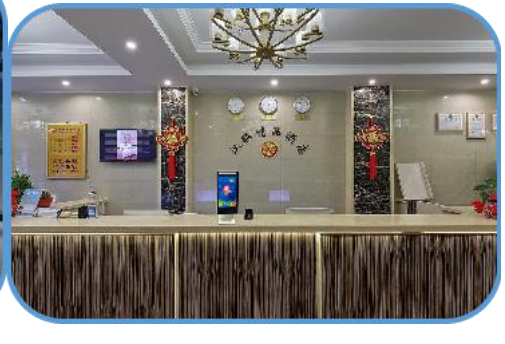


Lobby / School / Kindergarten

Station / Airport / Factory / Building / Hotel

Application scenarios

Gate, office building, office hall, computer room laboratory, elevator face recognition access control system, identification of entry and exit personnel identity and body temperature monitoring, real-time data upload cloud platform, pc end and mobile end traceability, conducive to enterprises and institutions humanistic care construction, enhance corporate cohesion; feel the warmth and care of family.



Application scenarios

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limit s are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can r adiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particul ar installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipme nt off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interf erence, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment, In order to avoid the possibility of exceedin g the FCC radio frequency exposure limits,Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.