

The temperature measurement dynamic facerecognition is an AI biometric technology that uses the infrared sensor to measure and record the body temperature in real time based on the facial feature information of the person. This product is based on a multi-task cascaded convolutional neural network face algorithm Technology to effectively extract, identify and compare human facial features, support face recognition by wearing a mask and brush, and measure body temperature, which is widely used.

**Access control and attendance of office buildings, communities, parks, campuses and other places.**



#### **[Feature]**

- 1□ Visible light +infrared light binocular live detection and recognition to prevent fraud on mobile phone photos and videos
- 2□ Support online photo import or photo registration, face registration directly on the touch screen, u disk import photo registration face
- 3□ Support wearing facemask to register face, wearing face mask to brush face recognition
- 4□ Multiple authentication modes: face, password, credit card (optional) and other modes
- 5□ Powerful access control functions and rich access control input and output interfaces
- 6□ Conventional temperature measurement mode: wear a mask to register, open the door when the temperature is normal when you brush your face, and do not open the door if the alarm is exceeded.

7□ Stranger temperature measurement: do not register the face, open the door when the temperature is normal when brushing the face, do not open the door if the alarm is exceeded, and save the temperature measurement flow

8□ The temperature measurement function is turned off at the end of the epidemic, which can be used for dynamic face access control attendance

9□ Alarm temperature can be customized

10. Voice prompt "normal body temperature" when body temperature is normal, voice abnormal "body temperature abnormality" when body temperature is abnormal

### **Temperature measurement face access control scene:**



### **Temperature measurement face channel scene:**



## Specifications

Exterior	5.0 inch capacitive touch screen 854 * 480
	Touchscreen virtual keys , All metal body, Rain proof, Dustproof
Technology platform	Industrial-grade linux intelligent operating system
	4 core 1.2g
Verification match	Dynamic face recognition verification, password verification, face+ ID Card+password verification, (customizable IC swipe)
Running memory	RAM memory 4GBit DDR3, Storage capacity 32GBit.
storage capacity	Faces: 3000 , Card:3000 , Password:3000
	Record: 1 million
communication method	U disk upload and download data
	Standard configuration: TCP / IP wired communication, and wifi wireless communication
Attendance report	u disk export the temperature record details and attendance statistics report
	Computer software collects data through network connected devices

Other parameters	Language: English
	Rejection rate (frr): $\leq 0.1\%$
	False acceptance rate (far): $\leq 0.0001\%$
	Recognition mode: 1: 1, 1: n
	Matching speed: the fastest 0.2 seconds, pure dynamic face recognition: 0.5-3 meters, enable live detection 0.5-1.5 meters
	Support name display and built-in bell
	Professional access control functions: tamper alarm, door open alarm, forced door open alarm, alarm linkage and output, a group of door open signals, time zone authority control, personnel authority control, holiday authority control, external access control read head, Wiegand 26/34 input
	Power: 12v / 1a
Body temperature monitoring	Body temperature display accuracy: The minimum unit value of body temperature is 0.1 °C
	Body temperature measurement error: 0.3 ~ 0.5 °C
	The best distance for temperature measurement: 0.5 ~ 0.6 meters
	Equipment work can adapt to ambient temperature: -20 °C ~ 65 °C
	Temperature sensor can measure object temperature range: -40 °C ~ 85 °C
	Normal mode: first register the face, brush the face to measure the temperature, the alarm exceeds the standard, for the place of fixed personnel Stranger mode: no face registration, face temperature measurement, alarm exceeding the standard, used in places where people are not fixed
weight	Gross weight 1100 g □ Net weight 450 g
Equipment size	174*152*22mm