

**DEEPCONVISIONAI**





# **8 Inches Ultra-thin Thermal Imaging Temperature Measurement**

(With Pass measurement & Face Recognition)



## Introduction

Pass management vertical module of temperature measurement and face recognition uses High-performance 32-bit 4-core ARM chip. High-performance hardware platform, equipped with industrial-grade binocular camera, live face recognition technology and infrared thermal imaging module to support face-with-mask identification. It also supports expansion of various peripherals such as ID card readers, fingerprint readers, etc.





## Product Characteristics



**AUTOMATIC DETECTION**



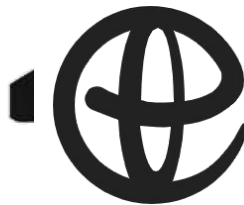
**MASK RECOGNITION**



**SMART VOICE**



**IDENTITY VERIFICATION**



**MULTI-LANGUAGE**




**DATA MANAGEMENT**





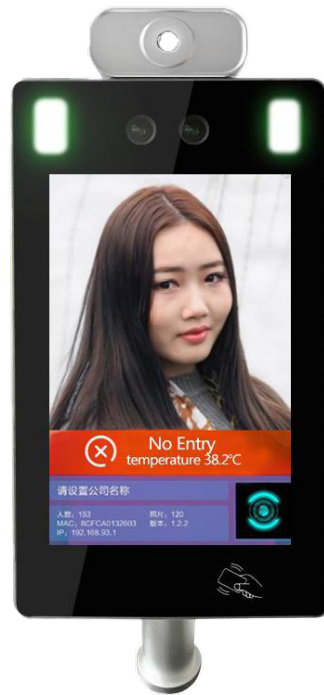
# Features

- The integrated design is adopted to ensure the safety and reliability of the equipment, and provide guarantee for the accuracy of identity verification.
  - Support witness card identification and stranger warning function.
  - The face recognition all-in-one machine supports personalized customization.
  - Support cloud and local identification.
  - Support to adjust the recognition distance.
  - Equipped with offline and online 10,000 face database to support massive historical record storage.
  - Fast and efficient, with high recognition accuracy and fast verification speed.
  - Non-contact identification is completely different from fingerprints and punching methods, frees hands, and does not require special cooperation to have a strong sense of experience.
  - Voice broadcast, user-friendly touch screen, simple and stylish interface.
  - HD color screen and high resolution.
  - Heat dissipation hole and speaker sound: The sound quality of the speaker is high, and the heat dissipation hole for the ventilation of machine temperature.
  - Support multi language switching, high-definition voice prompts.
  - Support USB disk download and self-service report.
  - The Face Recognition Integrated System supports wall mounting and Standee Stand installation
- 



# Voice Announcements

## Temperature Measurement



√ Green -Normal Temperature

× Red-Abnormal Temperature



Support multiple recognition methods such as recognizing face and swiping card, recognizing face or swiping card, recognizing face only, swiping card only





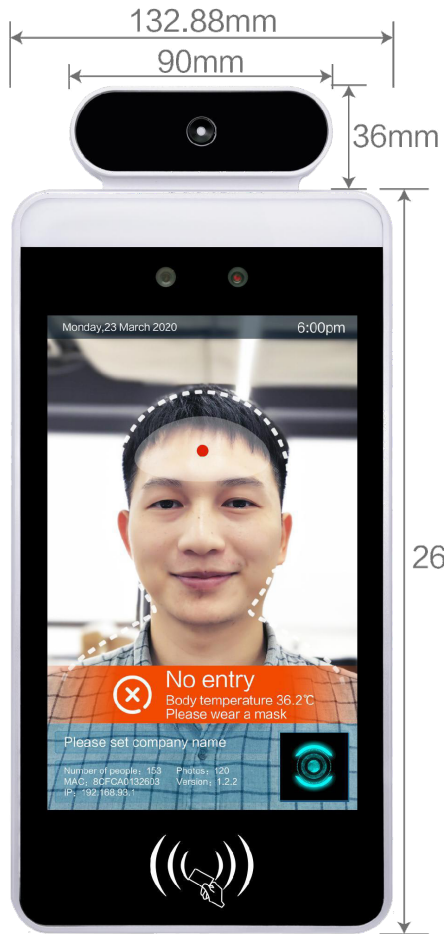
## Appearance and size







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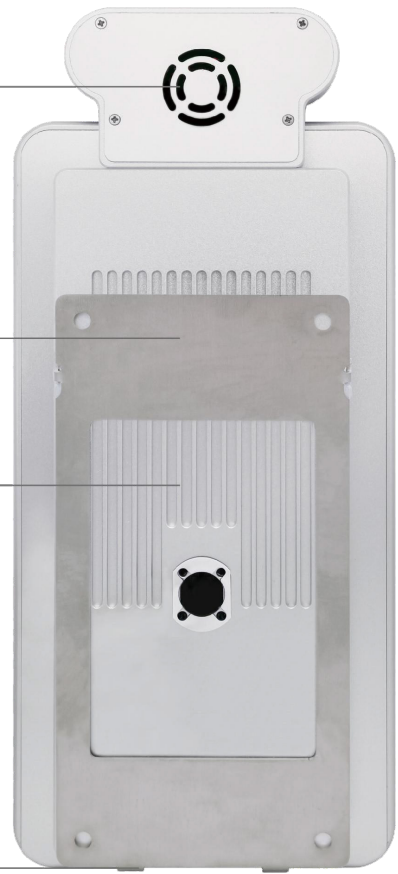


Infrared thermal imaging module

Wall mount

heat sink

Speaker





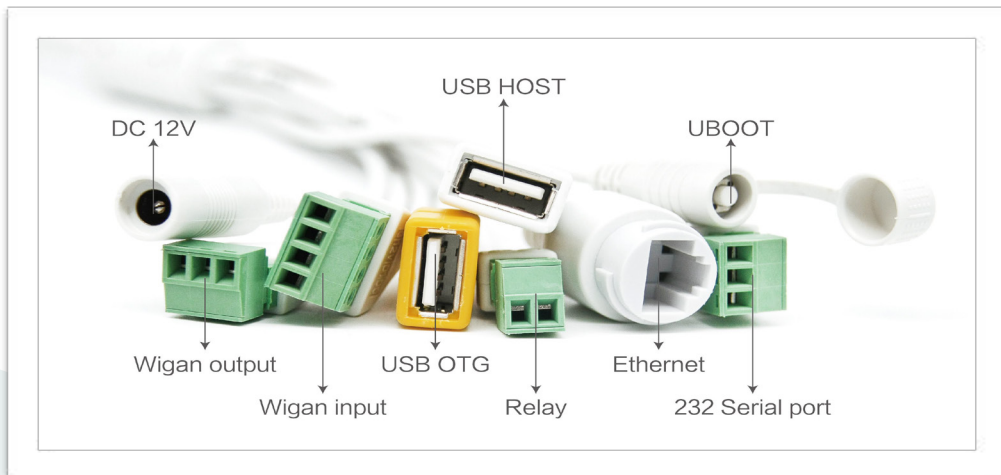
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## Fixed way

1. Fix the wall mount bracket to the wall installation position specified by the device with screws;
2. Fix the upper slot of the module device on the mainframe hook of the wall-mounting bracket, and fix the hole under the device with a combination screw below.

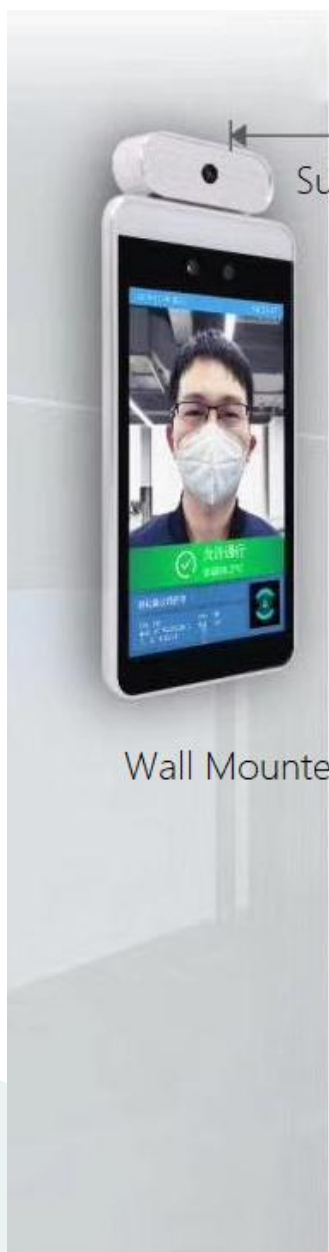


## Port description





Suitable for gate, wall-mounted, desktop, floor-mounted etc installation



Suggest distance 0.5-1m





# Applications



School



Office



Airport



Hospital



Hotel



Community



Transportation



Supermarket



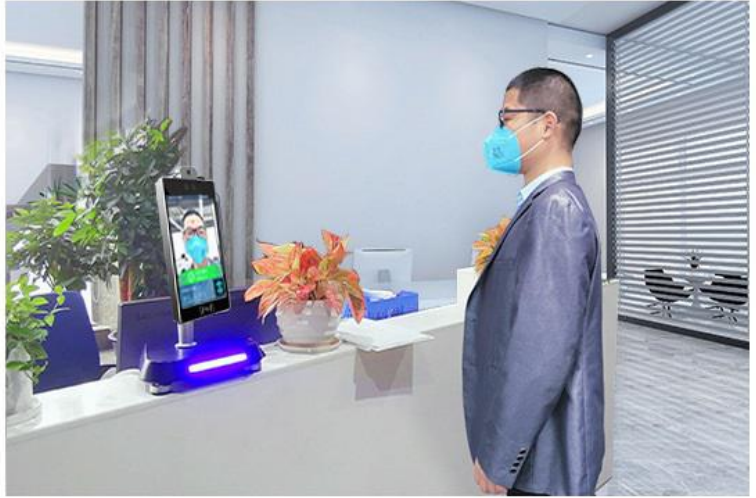
Public Area



# Applications



Hotel front desk  
Visitors management





# Applications



Kindergarten application



Office Entrance



## Built in Multi-Language arbitrary switching



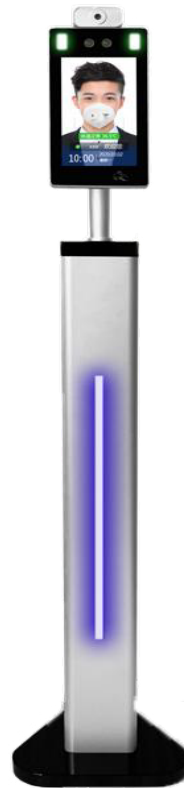
Including English,Indonesia ,Italian, Japanese,Korean,Russian ,Spanish ,German, Arab, French,Thai,Portuguese, etc



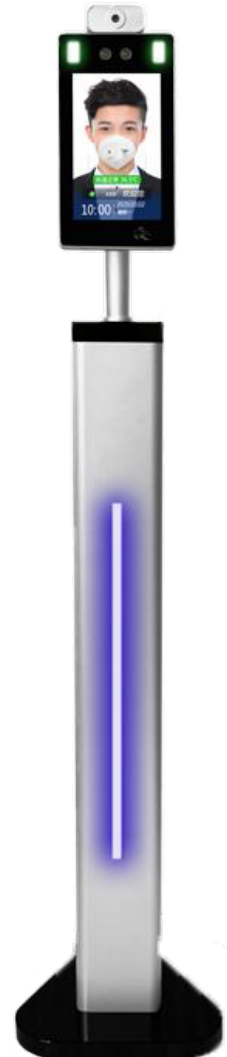
# Appearance



Desktop type



Children type



Vertical type





## 8 Inches Ultra-thin

# Thermal Imaging Temperature Measurement

(With Pass measurement & Face Recognition)

## Size





**8 Inches Ultra-thin**

## **Thermal Imaging Temperature Measurement**

(With Pass measurement & Face Recognition)

### **Packing Size**



Vertical type

1190\*340\*310MM

Desktop type

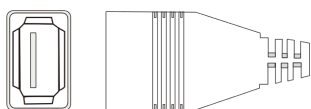
300\*340\*280MM

Children type

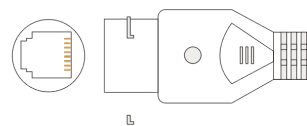
325\*360\*880MM



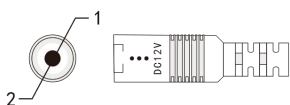
# Interface Description



USB 2.0 interface



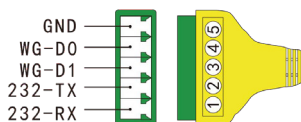
USB 2.0 interface



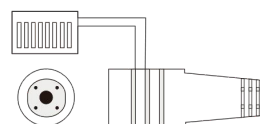
12V power input



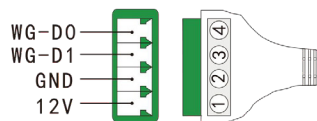
Switch signal



Wiegand output  
(232 signals)



Reset / Reset button



Wiegand input

# Parameters

	Model	SP-1081D
	<b>Resolution</b>	<b>2 million pixels</b>
<b>Camera</b>	Type	Binocular wide dynamic camera
	Aperture	F2.4
	White balance	Auto
	Photo flood light	LED and IR dual photo flood light
<b>Screen</b>	Size	8.0 inch IPS LCD screen
	Resolution	800×1280
	Touch	Support
<b>Processor</b>	OS	Android 5.1
	Flash	8G
<b>Interface</b>	Network module	Ethernet and wireless (WIFI)
	USB	1 USB OTG, 1 USB HOST standard A port
	Relay output	1 door open signal output
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 input
	Upgrade button	Support Uboot upgrade button
	Wired network	1 RJ45 Ethernet socket
<b>Function</b>	ID/IC card reader	Support
	Face library	10000
	1: N face recognition	Support
	1: 1 face comparison	Support
	Stranger detection	Support
	Identify distance configuration	Support
	UI interface configuration	Support
	Upgrade remotely	Support
	Interface	Interfaces include device management, personnel / photo management, record query, etc.
<b>Infrared thermal imaging module</b>	Deployment method	Support public cloud deployment, privatized deployment, LAN use, stand-alone use
	Temperature detection	Support
	Temperature detection distance	30cm-80cm (optimal distance 50 cm)
	Temperature measurement accuracy	≤ ±0.3℃
	Visitors' temperature is normal and released directly	Support
	Abnormal temperature alarm	Support (temperature alarm value can be set)
<b>General parameters</b>	Power	DC12V (±10%)
	Operating temperature	0℃~35℃
	Storage temperature	0℃~35℃
	Power consumption	13.5W (Max)
	Installation method	Gate bracket installation Desktop installation Vertical installation Wall mounted



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